

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: P633316

Luminaire Tested: GWS-SA2E-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P633316
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2E-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13815.4 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

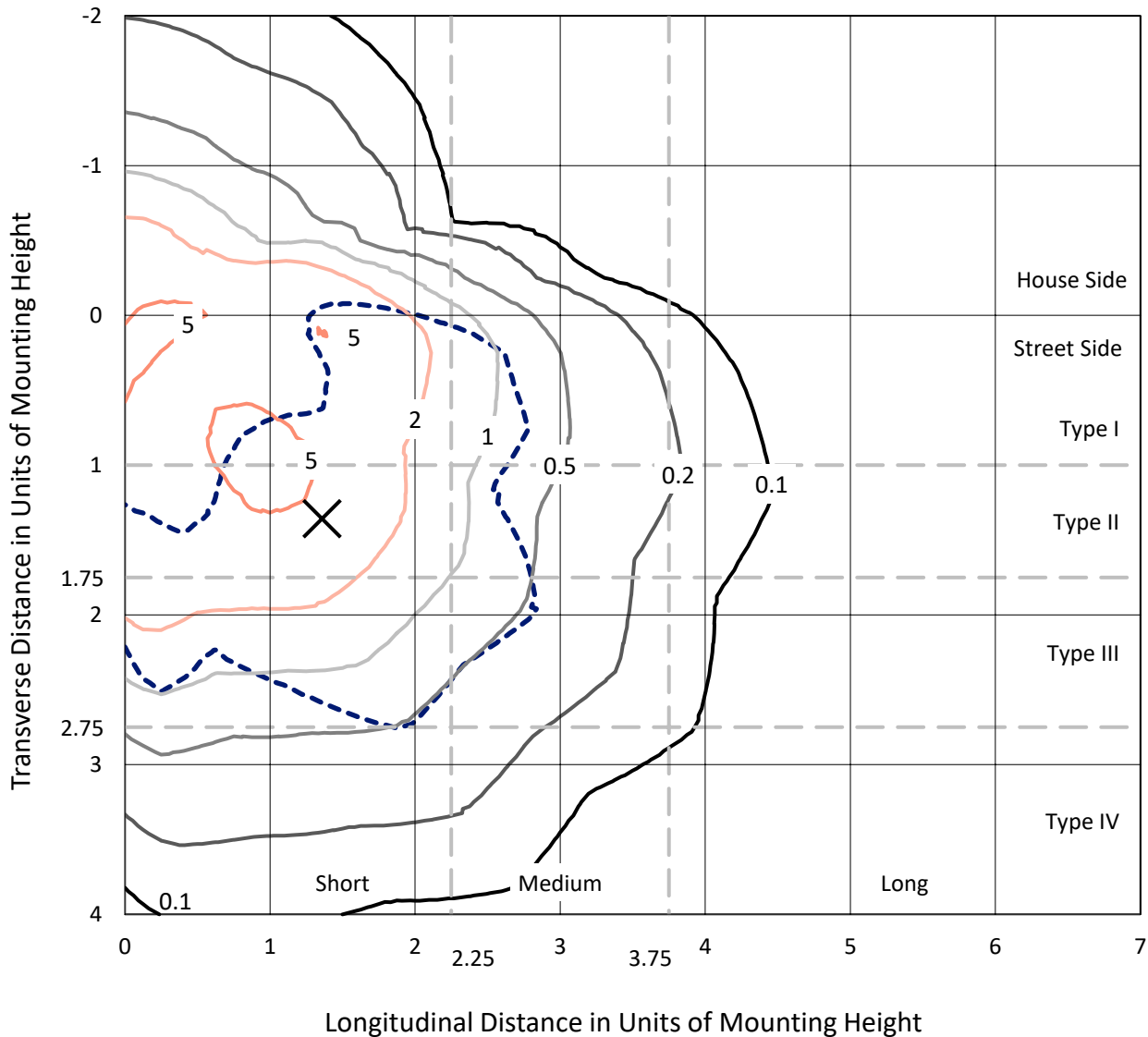
Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P633316
 CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

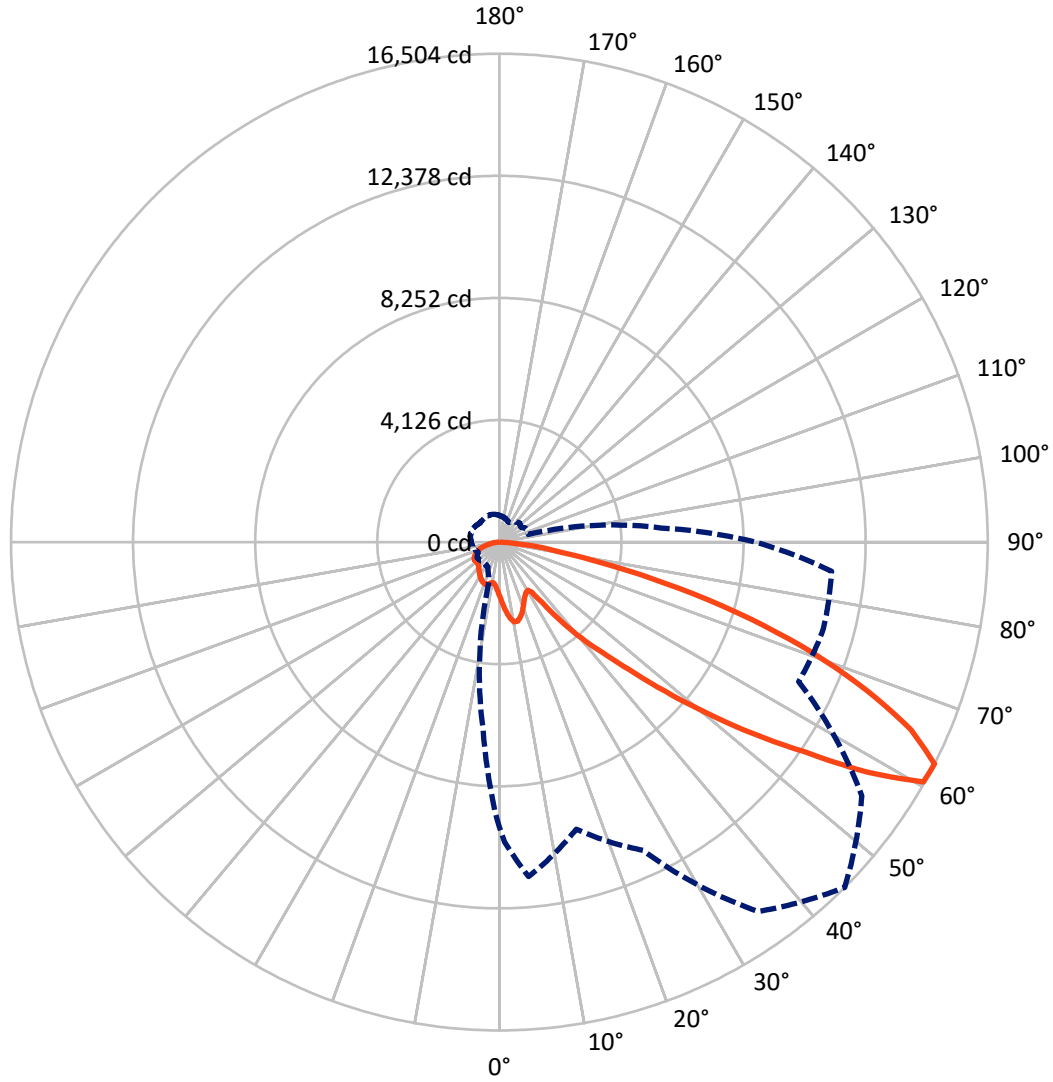
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.5 fc
 Type III - Short - N/A

REPORT NUMBER: P633316
CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P633316

CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3296.6	0.0	3296.6
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	10518.8	0.0	10518.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	13815.4	0.0	13815.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.1	1.3
10°-20°	561.4	4.1
20°-30°	871.9	6.3
30°-40°	1183.8	8.6
40°-50°	1876.3	13.6
50°-60°	3309.8	24.0
60°-70°	3682.6	26.7
70°-80°	1867.7	13.5
80°-90°	282.8	2.0
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°	13815.4	100.0
0°-180°	13815.4	100.0

Coefficient of Utilization



REPORT NUMBER: P633316

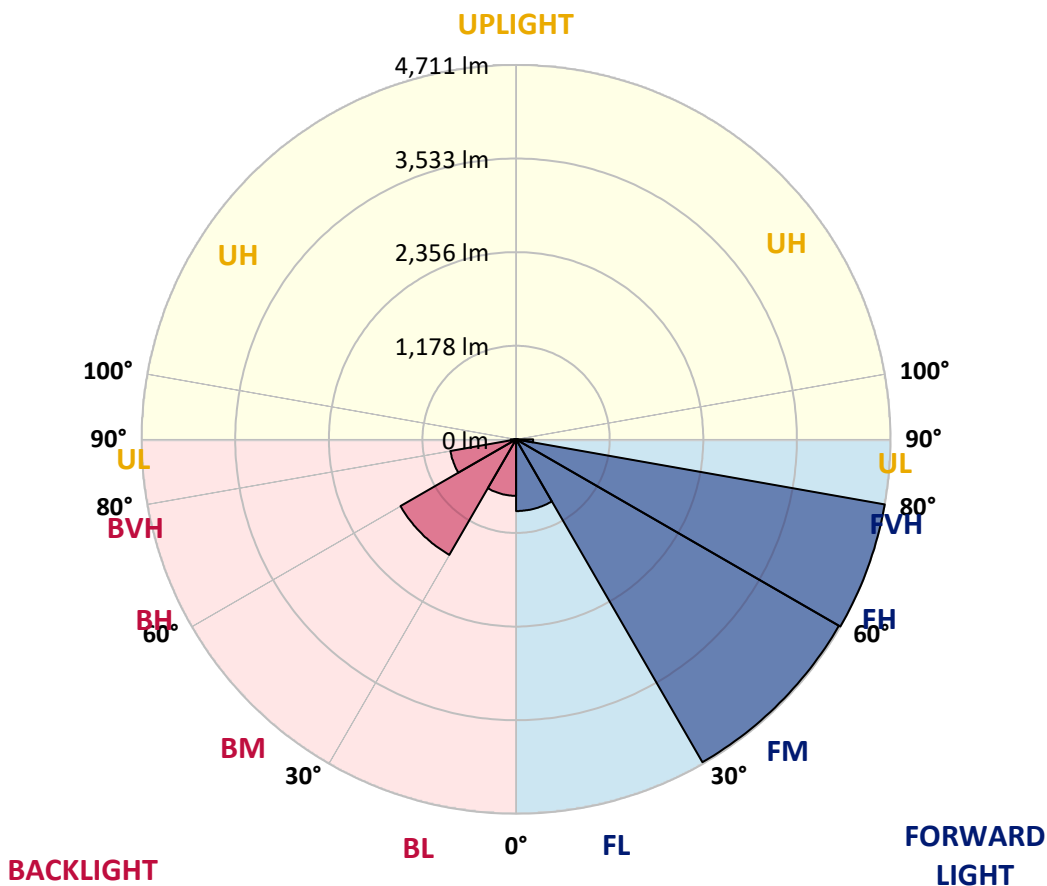
CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	902.0	6.5			
FM (30°-60°)	4690.9	34.0			
FH (60°-80°)	4711.2	34.1			G2/5000
FVH (80°-90°)	214.7	1.6			G2/225
BL (0°-30°)	710.3	5.1	B2/1000		
BM (30°-60°)	1679.0	12.2	B2/2500		
BH (60°-80°)	839.1	6.1	B2/1000		G2/1000
BVH (80°-90°)	68.1	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: P633316

CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1970.6	1969.6	1989.4	2019.8	2048.0	2060.6	2081.5	2079.4	2062.7	2040.7	2033.4
5°	2125.4	2129.6	2164.1	2231.1	2305.3	2336.7	2350.3	2345.1	2314.7	2276.0	2208.0
7.5°	2265.6	2272.9	2326.2	2426.7	2518.7	2560.5	2594.0	2587.7	2543.8	2471.6	2371.2
10°	2368.1	2376.4	2440.2	2558.4	2660.9	2697.6	2740.4	2742.5	2703.8	2606.6	2504.1
12.5°	2470.6	2478.9	2538.6	2646.3	2713.2	2714.3	2739.4	2753.0	2755.1	2710.1	2607.6
15°	2577.3	2584.6	2639.0	2699.6	2696.5	2637.9	2637.9	2664.1	2721.6	2754.0	2682.9
17.5°	2668.3	2677.7	2719.5	2699.6	2606.6	2500.9	2488.4	2521.8	2622.2	2746.7	2739.4
20°	2743.6	2750.9	2773.9	2642.1	2472.7	2334.6	2310.5	2349.2	2485.2	2701.7	2782.3
22.5°	2815.8	2819.9	2807.4	2566.8	2328.3	2170.4	2141.1	2181.9	2328.3	2622.2	2818.9
25°	2901.5	2897.3	2837.7	2488.4	2196.5	2040.7	2010.4	2056.4	2209.1	2516.6	2858.6
27.5°	3000.9	2985.2	2863.9	2403.6	2095.1	1944.5	1923.5	1972.7	2115.0	2419.3	2890.0
30°	3085.6	3055.3	2868.1	2328.3	2042.8	1903.7	1891.1	1937.1	2068.9	2353.4	2929.8
32.5°	3179.7	3137.9	2892.1	2308.5	2072.1	2002.0	2018.7	2021.9	2081.5	2334.6	2989.4
35°	3314.7	3260.3	2958.0	2366.0	2373.3	2491.5	2552.2	2470.6	2270.8	2376.4	3102.3
37.5°	3518.6	3449.6	3091.9	2614.9	2995.7	3260.3	3406.7	3220.5	2846.1	2534.4	3272.8
40°	3766.5	3678.7	3263.4	3075.2	3577.2	4000.8	4261.3	3988.3	3438.1	2928.7	3512.4
42.5°	4112.8	4020.7	3596.0	3527.0	4115.9	4746.6	5086.6	4679.7	3960.0	3438.1	3896.2
45°	4716.3	4627.4	4205.8	3979.9	4746.6	5665.0	6141.9	5576.1	4490.3	3949.6	4613.8
47.5°	5831.3	5726.7	5111.7	4482.0	5466.2	6857.4	7524.7	6700.5	5041.6	4535.3	5818.7
50°	7170.1	7069.7	6248.6	5076.1	6261.2	8132.4	9060.2	8021.5	5676.5	5247.6	7259.0
52.5°	8780.9	8762.1	7870.9	5827.1	7088.5	9492.2	10764.1	9484.9	6372.1	6206.8	8890.7
55°	10232.7	10416.8	9931.5	6972.4	8157.5	11200.2	12516.1	11081.0	7315.5	7792.5	10801.7
57.5°	11015.1	11509.9	12255.6	9309.1	9711.8	13242.0	14678.1	13029.7	8936.8	10432.5	12573.6
60°	10498.4	11059.0	12410.4	11068.5	11253.6	14877.9	16462.5	14667.6	10528.7	12265.0	12473.2
62.5°	9638.6	10141.7	11343.5	10041.3	11492.1	15237.7	16504.4	14953.2	11161.5	11335.2	11267.2
65°	8618.8	9126.1	10399.0	8765.2	10733.7	14383.1	15286.9	14113.3	10024.6	10241.1	10266.2
67.5°	7264.3	7732.9	9028.8	7793.5	9784.0	13129.0	13417.7	12916.7	9231.7	9576.9	9216.0
70°	5427.5	5850.1	6994.4	6333.3	8247.5	11495.2	11262.0	11336.2	8341.6	8684.7	7698.3
72.5°	3709.0	4027.0	5008.1	4976.7	6315.6	9202.4	8877.1	9581.1	6967.2	7422.2	5868.9
75°	2594.0	2841.9	3620.1	3931.8	4773.8	6820.8	6321.8	7171.2	5441.1	6090.7	4282.2
77.5°	1592.0	1756.2	2286.5	2913.0	3071.0	4668.2	3926.6	5396.2	3820.9	4442.2	2856.5
80°	796.0	875.5	1110.8	1831.5	2036.5	2750.9	2168.3	3132.7	2585.6	2750.9	1580.5
82.5°	240.6	265.7	325.3	695.6	1055.4	1583.6	1281.3	1820.0	1412.1	1289.7	622.4
85°	63.8	72.2	90.0	206.1	370.3	568.0	433.0	881.8	676.7	475.9	234.3
87.5°	5.2	5.2	4.2	4.2	2.1	0.0	0.0	62.8	126.6	72.2	40.8
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: P633316
 CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1996.8	1992.6	1949.7	1918.3	1881.7	1846.1	1809.5	1777.1	1740.5	1703.9	1693.4
5°	2157.8	2128.5	2037.5	1961.2	1885.9	1820.0	1762.5	1702.8	1654.7	1607.7	1589.9
7.5°	2300.1	2248.8	2117.0	2000.9	1896.3	1814.8	1730.0	1643.2	1575.2	1508.3	1491.6
10°	2428.7	2360.8	2194.4	2048.0	1931.9	1838.8	1739.4	1623.3	1525.0	1443.4	1421.5
12.5°	2523.9	2449.7	2261.4	2093.0	1961.2	1856.6	1758.3	1655.8	1552.2	1446.6	1422.5
15°	2599.2	2521.8	2316.8	2127.5	1962.2	1827.3	1732.1	1696.6	1664.1	1560.6	1516.7
17.5°	2659.9	2578.3	2364.9	2148.4	1934.0	1738.4	1655.8	1708.1	1790.7	1725.9	1643.2
20°	2715.3	2632.7	2401.5	2163.1	1871.2	1616.0	1570.0	1680.9	1805.3	1803.3	1729.0
22.5°	2776.0	2695.5	2454.9	2171.4	1783.4	1491.6	1518.7	1641.1	1742.6	1772.9	1726.9
25°	2853.4	2782.3	2529.2	2190.3	1684.0	1405.8	1481.1	1589.9	1674.6	1681.9	1654.7
27.5°	2943.4	2890.0	2640.0	2234.2	1587.8	1361.9	1437.2	1517.7	1595.1	1598.2	1565.8
30°	3041.7	3006.1	2742.5	2270.8	1515.6	1348.3	1380.7	1445.5	1494.7	1503.1	1474.8
32.5°	3167.2	3135.8	2833.5	2246.7	1472.7	1345.1	1328.4	1361.9	1402.6	1402.6	1380.7
35°	3339.8	3295.9	2929.8	2154.7	1420.4	1332.6	1272.9	1282.4	1300.1	1303.3	1290.7
37.5°	3584.5	3512.4	3027.0	1972.7	1334.7	1287.6	1209.1	1197.6	1203.9	1212.3	1209.1
40°	3887.9	3769.7	3169.3	1754.1	1232.2	1200.8	1143.2	1121.3	1116.1	1132.8	1139.1
42.5°	4269.7	4088.7	3322.0	1550.1	1139.1	1101.4	1065.8	1047.0	1038.6	1066.9	1083.6
45°	4879.5	4581.3	3468.4	1348.3	1086.8	1016.7	992.6	979.0	983.2	1016.7	1037.6
47.5°	5932.7	5333.4	3607.6	1220.6	1082.6	956.0	926.7	929.9	941.4	976.9	1002.0
50°	7265.3	6340.7	3700.6	1167.3	1095.1	919.4	880.7	897.4	915.2	949.7	979.0
52.5°	8621.9	7278.9	3589.8	1138.0	1094.1	920.5	837.8	888.0	896.4	930.9	962.3
55°	9554.9	7383.5	3101.3	1093.0	1077.3	962.3	804.4	883.8	889.1	920.5	948.7
57.5°	9910.6	7025.8	2364.9	1105.6	1027.1	994.7	789.7	854.6	892.2	919.4	948.7
60°	9480.7	6351.1	1437.2	1138.0	946.6	992.6	799.1	801.2	866.1	912.1	941.4
62.5°	8670.0	5485.1	1009.4	1046.0	888.0	937.2	821.1	738.5	820.0	875.5	901.6
65°	7741.2	4466.3	769.8	900.6	859.8	851.4	828.4	683.0	757.3	811.7	834.7
67.5°	6773.7	3471.6	625.5	671.5	777.2	769.8	757.3	633.9	683.0	721.7	747.9
70°	5555.1	2428.7	528.2	504.2	666.3	690.3	662.1	572.1	587.8	627.6	648.5
72.5°	4063.6	1513.5	434.1	416.3	535.5	603.5	588.9	504.2	511.5	549.1	565.9
75°	2922.4	866.1	348.3	343.1	409.0	516.7	487.4	434.1	442.4	470.7	482.2
77.5°	1857.6	482.2	268.8	276.1	292.9	386.0	416.3	371.3	371.3	388.1	397.5
80°	994.7	276.1	196.6	199.8	205.0	295.0	328.4	287.6	287.6	276.1	287.6
82.5°	405.8	159.0	134.9	125.5	137.0	201.9	230.1	183.0	191.4	172.6	176.8
85°	133.9	79.5	66.9	65.9	64.9	88.9	110.9	91.0	108.8	69.0	72.2
87.5°	17.8	14.6	8.4	6.3	7.3	3.1	6.3	7.3	7.3	5.2	5.2
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: P633316

CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1686.1	1677.7	1647.4	1654.7	1649.5	1641.1	1649.5	1633.8	1646.4	1650.5	1676.7
5°	1576.3	1556.4	1527.1	1512.5	1509.3	1501.0	1502.0	1494.7	1496.8	1514.6	1543.9
7.5°	1478.0	1459.1	1436.1	1425.7	1416.2	1406.8	1405.8	1404.7	1413.1	1428.8	1457.0
10°	1406.8	1396.4	1387.0	1391.1	1387.0	1382.8	1375.5	1375.5	1389.0	1417.3	1451.8
12.5°	1406.8	1404.7	1406.8	1419.4	1418.3	1419.4	1410.0	1415.2	1452.9	1501.0	1550.1
15°	1482.1	1465.4	1465.4	1471.7	1469.6	1469.6	1469.6	1491.6	1577.3	1651.6	1703.9
17.5°	1574.2	1525.0	1504.1	1501.0	1499.9	1499.9	1504.1	1551.2	1685.1	1763.5	1793.8
20°	1638.0	1544.9	1510.4	1496.8	1497.8	1499.9	1512.5	1577.3	1724.8	1764.6	1757.2
22.5°	1649.5	1529.2	1487.4	1467.5	1470.6	1472.7	1491.6	1560.6	1670.4	1676.7	1662.0
25°	1596.2	1485.3	1440.3	1424.6	1428.8	1427.7	1444.5	1494.7	1573.1	1571.0	1562.7
27.5°	1516.7	1415.2	1381.7	1371.3	1378.6	1370.2	1375.5	1414.2	1474.8	1472.7	1469.6
30°	1435.1	1347.2	1316.9	1311.6	1321.1	1308.5	1309.6	1342.0	1383.8	1381.7	1380.7
32.5°	1353.5	1279.2	1252.0	1252.0	1261.4	1247.8	1249.9	1278.2	1306.4	1298.0	1298.0
35°	1276.1	1223.8	1201.8	1197.6	1205.0	1195.5	1199.7	1225.9	1236.3	1224.8	1217.5
37.5°	1208.1	1185.1	1163.1	1148.5	1149.5	1150.6	1163.1	1183.0	1176.7	1160.0	1150.6
40°	1145.3	1145.3	1124.4	1097.2	1094.1	1101.4	1122.3	1144.3	1126.5	1107.7	1096.2
42.5°	1100.4	1109.8	1089.9	1062.7	1056.4	1069.0	1092.0	1107.7	1086.8	1065.8	1050.2
45°	1058.5	1081.5	1067.9	1037.6	1029.2	1043.9	1073.2	1079.4	1051.2	1031.3	1019.8
47.5°	1029.2	1060.6	1051.2	1021.9	1009.4	1030.3	1060.6	1059.6	1024.0	1003.1	993.7
50°	1008.3	1048.1	1047.0	1021.9	1008.3	1034.5	1061.7	1048.1	1009.4	987.4	978.0
52.5°	991.6	1047.0	1054.3	1039.7	1030.3	1053.3	1070.0	1043.9	998.9	975.9	968.6
55°	984.3	1051.2	1056.4	1042.8	1034.5	1055.4	1070.0	1052.2	998.9	978.0	971.7
57.5°	986.3	1046.0	1047.0	1028.2	1013.5	1039.7	1062.7	1057.5	1010.4	986.3	979.0
60°	973.8	1017.7	1019.8	990.5	973.8	1005.2	1046.0	1042.8	1005.2	980.1	966.5
62.5°	932.0	970.7	971.7	944.5	920.5	965.4	1010.4	1009.4	974.8	949.7	934.1
65°	861.9	902.7	913.1	887.0	868.2	916.3	963.3	961.2	926.7	903.7	888.0
67.5°	775.1	819.0	838.9	821.1	813.8	857.7	901.6	900.6	872.3	850.4	836.8
70°	669.4	706.0	739.5	739.5	734.3	784.5	831.5	827.4	801.2	784.5	774.0
72.5°	581.6	609.8	620.3	630.7	646.4	698.7	738.5	741.6	722.8	714.4	722.8
75°	494.7	512.5	521.9	513.6	540.8	595.2	647.5	652.7	632.8	619.2	622.4
77.5°	406.9	426.8	436.2	417.3	415.3	484.3	548.1	559.6	542.9	521.9	528.2
80°	293.9	320.1	335.8	323.2	319.0	349.4	437.2	449.8	434.1	417.3	426.8
82.5°	179.9	194.6	198.7	211.3	237.4	250.0	281.4	323.2	311.7	297.1	323.2
85°	71.1	84.7	94.1	106.7	124.5	147.5	173.6	207.1	188.3	182.0	214.4
87.5°	4.2	1.0	0.0	2.1	17.8	34.5	74.3	102.5	85.8	92.0	110.9
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: P633316
 CATALOG NUMBER: GWS-SA2E-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1697.6	1724.8	1761.4	1791.7	1830.4	1867.1	1904.7	1942.4	1962.2	1970.6
5°	1577.3	1627.5	1686.1	1751.0	1826.3	1905.8	1986.3	2068.9	2121.2	2125.4
7.5°	1505.2	1577.3	1657.9	1739.4	1832.5	1942.4	2070.0	2197.6	2250.9	2265.6
10°	1528.2	1608.7	1672.5	1748.9	1851.4	1988.4	2139.0	2288.6	2350.3	2368.1
12.5°	1620.2	1635.9	1655.8	1725.9	1851.4	2028.1	2210.1	2387.9	2453.8	2470.6
15°	1696.6	1621.3	1585.7	1660.0	1826.3	2062.7	2285.4	2482.1	2561.6	2577.3
17.5°	1702.8	1573.1	1495.7	1562.7	1782.3	2086.7	2357.6	2586.7	2653.6	2668.3
20°	1639.0	1521.9	1421.5	1462.3	1722.7	2097.2	2409.9	2663.0	2728.9	2743.6
22.5°	1566.9	1480.0	1371.3	1369.2	1650.5	2108.7	2472.7	2735.2	2806.3	2815.8
25°	1498.9	1422.5	1330.5	1301.2	1566.9	2130.6	2557.4	2844.0	2898.4	2901.5
27.5°	1419.4	1360.8	1298.0	1269.8	1493.6	2172.5	2682.9	2973.7	3006.1	3000.9
30°	1347.2	1303.3	1275.0	1266.7	1447.6	2203.9	2802.2	3101.3	3103.4	3085.6
32.5°	1270.9	1254.1	1254.1	1281.3	1410.0	2196.5	2899.4	3225.8	3205.9	3179.7
35°	1202.9	1206.0	1228.0	1291.8	1347.2	2123.3	2992.5	3381.6	3352.3	3314.7
37.5°	1138.0	1162.1	1193.5	1255.2	1264.6	2014.5	3101.3	3602.3	3565.7	3518.6
40°	1082.6	1119.2	1155.8	1186.1	1176.7	1859.7	3253.0	3861.7	3820.9	3766.5
42.5°	1038.6	1074.2	1115.0	1118.1	1121.3	1698.7	3414.0	4179.7	4172.4	4112.8
45°	1010.4	1033.4	1072.1	1066.9	1118.1	1520.8	3562.6	4665.0	4761.3	4716.3
47.5°	991.6	1009.4	1013.5	1035.5	1145.3	1361.9	3754.0	5614.8	5882.5	5831.3
50°	981.1	998.9	951.8	1037.6	1149.5	1259.3	4018.6	6807.2	7238.1	7170.1
52.5°	980.1	975.9	904.8	1059.6	1126.5	1196.6	4156.7	7677.4	8633.4	8780.9
55°	982.2	929.9	880.7	1065.8	1080.5	1173.6	3694.4	8095.8	9921.0	10232.7
57.5°	963.3	879.7	894.3	1040.7	993.7	1235.3	2731.0	7946.2	10435.6	11015.1
60°	927.8	831.5	919.4	972.8	904.8	1129.6	1880.7	7278.9	9902.2	10498.4
62.5°	876.5	798.1	916.3	884.9	872.3	924.6	1292.8	6344.9	9056.0	9638.6
65°	819.0	770.9	867.1	800.2	807.5	711.3	914.2	5290.5	8045.6	8618.8
67.5°	757.3	754.1	794.9	712.3	682.0	563.8	666.3	4240.4	6747.6	7264.3
70°	687.2	710.2	722.8	632.8	553.3	442.4	494.7	2965.3	4977.8	5427.5
72.5°	617.1	619.2	637.0	550.2	414.2	354.6	371.3	1795.9	3381.6	3709.0
75°	546.0	526.1	542.9	447.7	308.6	290.8	286.6	1109.8	2335.7	2594.0
77.5°	469.6	447.7	425.7	336.8	247.9	224.9	219.7	622.4	1433.0	1592.0
80°	381.8	352.5	318.0	246.8	181.0	161.1	160.0	303.3	714.4	796.0
82.5°	297.1	241.6	232.2	153.8	111.9	98.3	104.6	116.1	215.5	240.6
85°	208.1	175.7	123.4	61.7	50.2	40.8	39.7	34.5	57.5	63.8
87.5°	116.1	76.4	39.7	7.3	8.4	9.4	7.3	5.2	5.2	5.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)