

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: P632434

Luminaire Tested: GWS-SA2C-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P632434
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2C-760-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (32) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7305.7 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

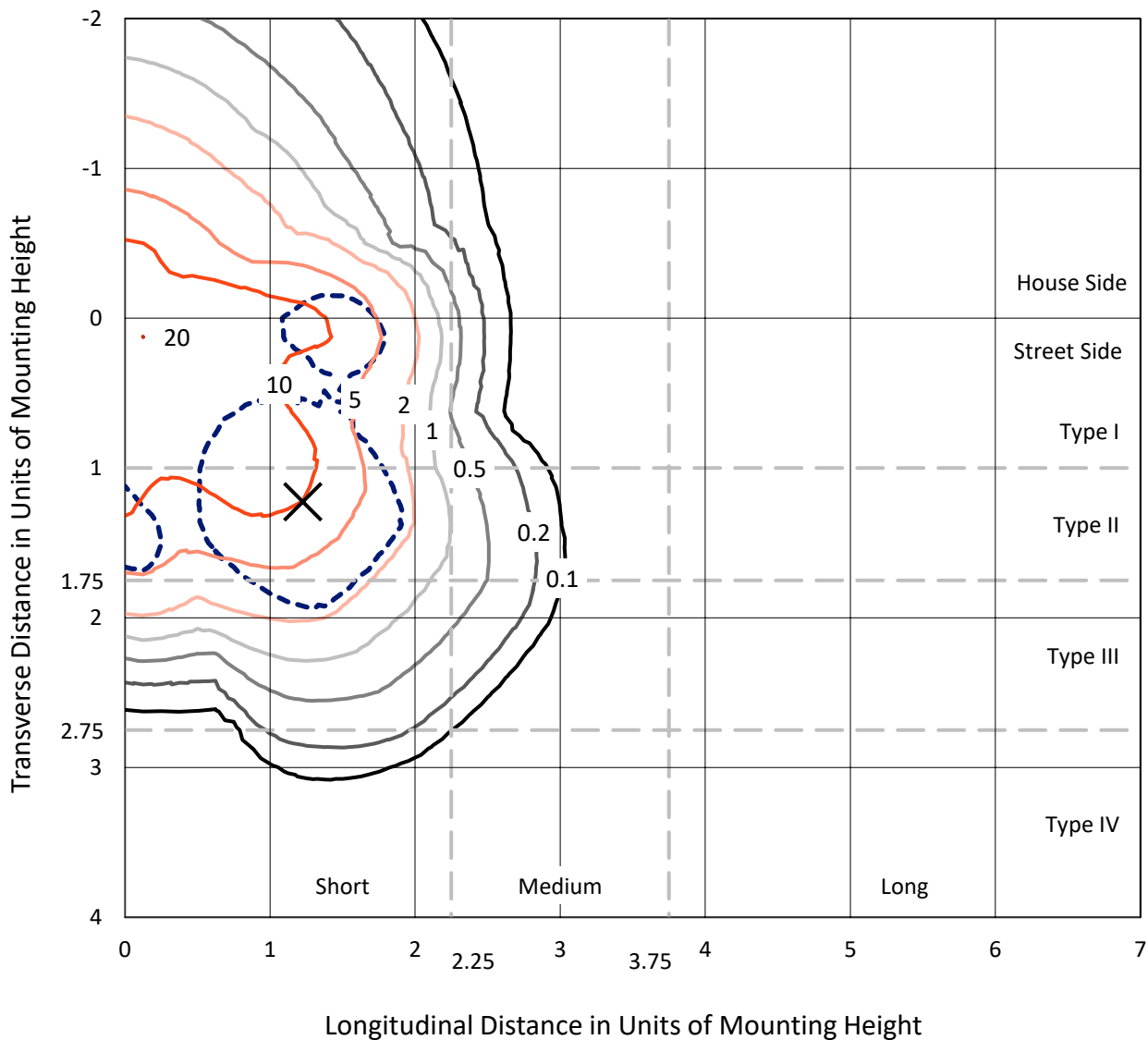
Input Watts (W): 63.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P632434
 CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

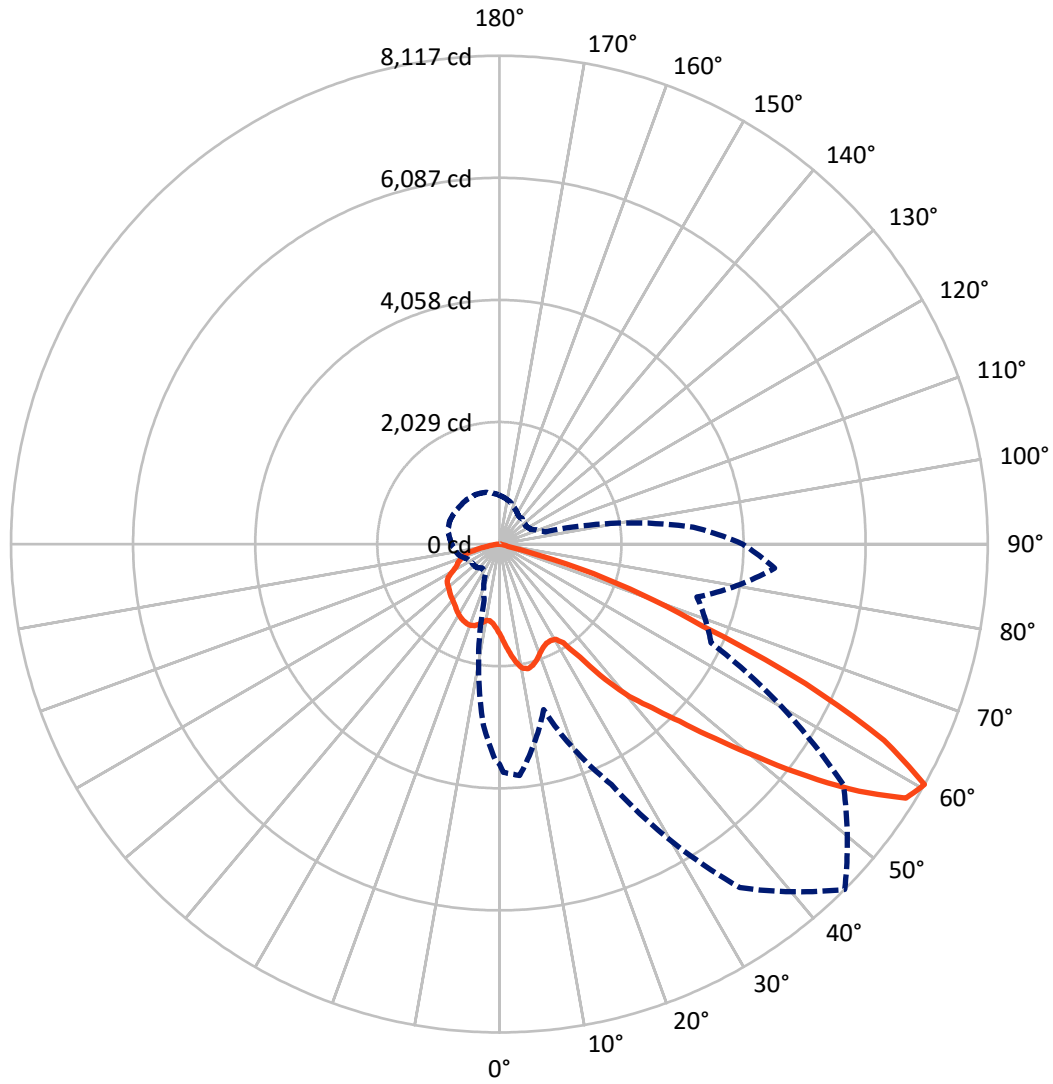
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20 fc
 Type III - Short - N/A

REPORT NUMBER: P632434
CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P632434

CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

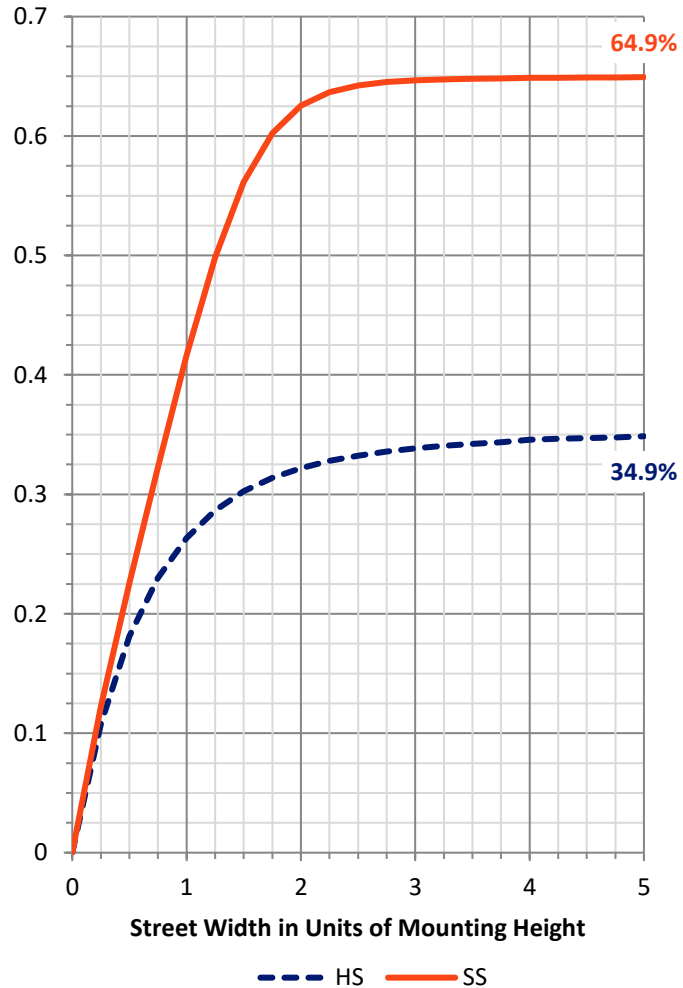
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2560.9	0.0	2560.9
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	4744.8	0.0	4744.8
	% Fixture	64.9	0.0	64.9
Total	Lumens	7305.7	0.0	7305.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.4	2.0
10°-20°	462.7	6.3
20°-30°	751.6	10.3
30°-40°	1060.0	14.5
40°-50°	1464.9	20.1
50°-60°	1885.8	25.8
60°-70°	1194.8	16.4
70°-80°	306.6	4.2
80°-90°	32.8	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°	7305.7	100.0
0°-180°	7305.7	100.0

Coefficient of Utilization



REPORT NUMBER: P632434

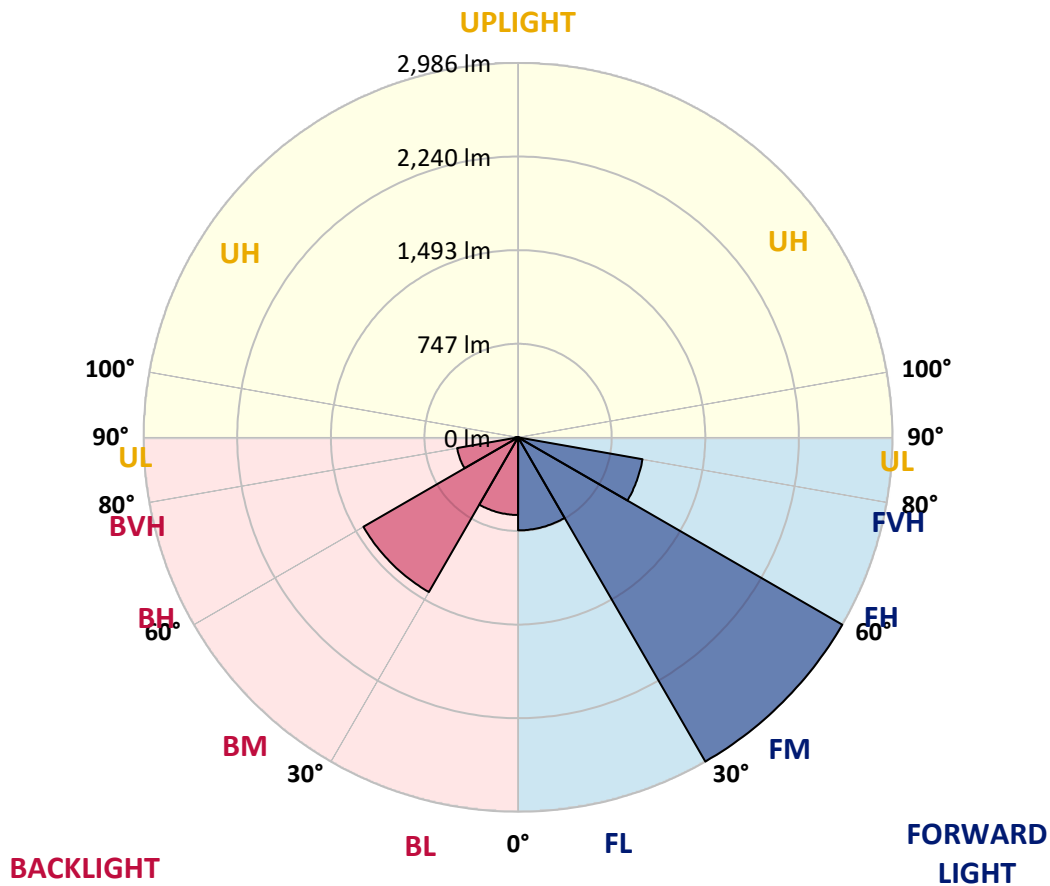
CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	741.8	10.2			
FM (30°-60°)	2986.2	40.9			
FH (60°-80°)	1007.9	13.8			G1/1800
FVH (80°-90°)	8.9	0.1			G0/10
BL (0°-30°)	619.0	8.5	B2/1000		
BM (30°-60°)	1424.6	19.5	B2/2500		
BH (60°-80°)	493.5	6.8	B1/500		G1/500
BVH (80°-90°)	23.9	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: P632434

CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8
2.5°	1569.8	1580.5	1587.2	1599.9	1622.6	1635.4	1649.4	1634.0	1638.0	1636.0	1611.3
5°	1662.8	1675.5	1692.9	1730.4	1772.6	1796.0	1818.1	1814.8	1794.0	1759.2	1734.4
7.5°	1749.8	1764.6	1794.7	1855.6	1917.8	1954.0	1980.8	1963.4	1946.0	1891.1	1828.8
10°	1818.1	1826.8	1867.6	1949.3	2021.6	2062.4	2095.2	2091.2	2067.1	2005.5	1921.9
12.5°	1882.4	1888.4	1932.6	2014.2	2079.2	2097.2	2124.0	2132.7	2124.7	2078.5	1996.2
15°	1951.3	1962.7	2003.5	2065.8	2095.2	2076.5	2085.9	2110.0	2132.7	2132.7	2057.1
17.5°	2015.6	2025.6	2067.1	2093.9	2065.8	2016.2	2018.9	2049.7	2103.9	2160.8	2112.6
20°	2072.5	2081.8	2122.7	2097.2	2008.2	1935.9	1933.9	1971.4	2059.1	2178.9	2172.2
22.5°	2134.7	2148.1	2182.3	2099.9	1954.7	1863.0	1862.3	1901.1	2019.6	2197.0	2240.5
25°	2223.1	2243.8	2261.2	2123.4	1925.9	1815.4	1824.1	1860.9	2006.9	2226.4	2341.6
27.5°	2354.3	2371.0	2369.7	2172.2	1924.5	1796.0	1814.1	1856.9	2029.6	2278.7	2448.0
30°	2496.2	2504.9	2490.9	2240.5	1955.3	1808.1	1834.8	1885.7	2087.2	2365.0	2604.7
32.5°	2653.5	2664.2	2637.5	2342.9	2027.0	1897.1	1956.0	1980.8	2168.2	2489.5	2770.7
35°	2834.3	2855.0	2799.4	2478.1	2237.8	2221.8	2307.4	2275.3	2340.2	2636.8	2948.1
37.5°	3024.4	3025.0	2945.4	2678.3	2651.5	2679.0	2850.3	2749.9	2705.1	2800.8	3128.8
40°	3185.7	3181.7	3059.2	2948.1	3011.7	3120.8	3327.6	3173.6	3055.8	3021.0	3278.7
42.5°	3347.0	3332.3	3208.5	3119.4	3260.0	3484.3	3717.9	3529.1	3280.8	3221.2	3426.7
45°	3553.2	3548.5	3399.2	3187.7	3484.3	3891.2	4201.2	3895.3	3414.0	3337.7	3673.0
47.5°	3885.9	3863.1	3585.3	3182.3	3694.4	4433.5	4825.1	4356.5	3507.0	3340.3	4070.6
50°	4211.2	4183.1	3807.6	3181.7	3911.3	4995.8	5561.4	4916.8	3602.1	3356.4	4475.0
52.5°	4539.9	4539.9	4172.4	3257.3	4138.9	5623.7	6412.2	5615.0	3764.1	3566.6	4972.3
55°	4735.4	4787.6	4582.7	3385.2	4405.4	6362.7	7253.7	6368.7	4014.4	3946.1	5431.5
57.5°	4487.0	4584.8	4555.3	3296.1	4562.7	6905.6	7967.3	6940.4	4138.3	3991.0	5362.6
60°	3656.3	3792.2	3859.8	2846.3	4407.4	6968.5	8116.5	6977.9	3882.5	3398.6	4593.5
62.5°	2430.6	2542.4	2645.5	2033.7	3815.6	6269.0	7178.7	6271.0	3242.6	2536.4	3182.3
65°	1192.2	1275.2	1386.3	1202.3	2980.9	5238.1	5596.9	5067.4	2345.6	1419.8	1623.3
67.5°	311.9	335.4	350.8	466.6	2135.4	3763.4	3650.3	3706.5	1506.8	463.9	424.4
70°	162.0	163.3	162.7	192.8	1443.2	2391.8	2515.6	2327.5	1051.6	194.1	167.4
72.5°	115.8	116.5	114.5	129.9	696.9	1370.3	1419.8	1404.4	550.9	115.1	114.5
75°	75.6	76.3	75.0	76.3	105.1	156.0	143.9	151.3	91.7	73.0	73.0
77.5°	44.9	45.5	44.9	46.2	44.9	44.9	41.5	41.5	39.5	39.5	40.2
80°	30.1	30.1	29.5	30.8	28.1	28.1	26.8	26.1	24.1	23.4	23.4
82.5°	18.1	18.7	18.1	18.1	16.7	16.7	15.4	14.7	12.7	12.7	12.0
85°	9.4	9.4	8.7	8.7	7.4	6.7	5.4	5.4	4.0	3.3	3.3
87.5°	1.3	1.3	0.7	0.7	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	0.0



REPORT NUMBER: P632434

CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8
2.5°	1604.6	1591.2	1571.1	1551.7	1533.6	1514.9	1493.4	1471.4	1452.6	1433.2	1423.2
5°	1701.6	1674.2	1622.0	1575.8	1534.3	1500.1	1463.3	1431.9	1402.4	1378.3	1366.3
7.5°	1789.3	1746.5	1667.5	1594.5	1538.3	1491.4	1440.6	1393.7	1354.2	1324.8	1313.4
10°	1870.3	1819.4	1715.7	1623.3	1557.7	1505.5	1443.2	1379.6	1327.4	1288.6	1279.2
12.5°	1935.9	1877.7	1753.8	1646.7	1569.1	1512.9	1458.0	1403.1	1351.5	1301.3	1293.3
15°	1994.2	1925.2	1782.6	1661.5	1565.1	1493.4	1447.3	1440.6	1440.6	1383.7	1367.6
17.5°	2044.4	1968.7	1806.1	1668.2	1539.6	1435.9	1407.8	1466.0	1531.6	1490.8	1454.6
20°	2101.9	2010.2	1825.5	1668.2	1492.8	1362.9	1360.2	1459.3	1556.4	1557.0	1518.9
22.5°	2160.2	2058.4	1848.2	1662.1	1428.5	1278.6	1328.1	1432.5	1518.9	1555.7	1529.6
25°	2254.6	2125.4	1884.4	1657.4	1353.5	1221.0	1299.3	1397.0	1470.0	1508.8	1492.1
27.5°	2374.4	2213.7	1939.3	1664.8	1279.2	1186.9	1268.5	1350.9	1417.1	1451.3	1439.2
30°	2508.3	2315.5	1998.2	1677.5	1225.7	1169.4	1231.7	1298.0	1356.9	1391.0	1385.7
32.5°	2679.0	2425.9	2049.0	1660.1	1195.6	1160.7	1192.9	1240.4	1297.3	1318.7	1323.4
35°	2883.1	2547.8	2087.9	1591.8	1168.1	1151.4	1150.7	1180.2	1220.3	1254.5	1257.8
37.5°	3071.2	2690.3	2130.7	1474.7	1118.6	1127.9	1101.2	1118.6	1158.1	1192.2	1205.6
40°	3257.3	2834.9	2190.3	1325.4	1053.6	1075.7	1044.3	1056.3	1087.8	1132.6	1154.1
42.5°	3438.1	2965.5	2253.2	1172.8	988.7	1002.8	979.3	991.4	1024.2	1080.4	1104.5
45°	3634.9	3142.2	2302.1	1028.9	932.5	926.5	907.7	925.1	974.7	1036.2	1065.0
47.5°	4007.1	3420.7	2334.2	933.1	902.4	858.8	837.4	874.9	931.1	993.4	1028.2
50°	4461.6	3823.6	2324.8	872.2	876.3	789.2	781.9	831.4	891.6	956.6	994.7
52.5°	4821.7	4219.3	2218.4	814.0	825.4	745.0	723.6	795.9	853.5	919.8	959.3
55°	5096.8	4352.5	1891.7	745.0	742.4	712.9	668.1	759.1	815.3	876.9	919.8
57.5°	4872.6	4055.9	1402.4	650.0	633.9	649.3	605.8	696.9	768.5	829.4	867.5
60°	4043.9	3233.9	781.2	575.7	530.2	567.7	561.0	631.2	717.6	781.9	814.7
62.5°	2745.2	2153.5	463.2	455.2	429.8	483.3	518.8	565.0	650.0	702.2	733.0
65°	1368.3	1046.3	307.9	340.7	344.1	397.6	464.6	515.4	586.4	640.0	670.7
67.5°	397.0	325.3	234.3	260.4	296.5	339.4	392.9	453.2	522.1	585.7	621.9
70°	171.4	173.4	186.1	216.9	252.4	296.5	350.1	409.0	467.2	516.1	543.6
72.5°	121.2	125.8	139.9	171.4	204.8	247.0	300.6	357.5	399.6	449.2	478.0
75°	77.7	81.0	92.4	116.5	141.2	182.1	233.0	285.2	328.7	364.2	391.6
77.5°	42.8	43.5	52.9	66.9	83.7	109.8	147.3	188.1	220.2	240.3	265.1
80°	24.8	24.8	29.5	38.2	48.2	64.3	85.0	105.1	124.5	137.2	149.3
82.5°	13.4	13.4	15.4	20.8	26.1	35.5	47.5	57.6	69.6	76.3	84.3
85°	4.0	4.0	5.4	7.4	9.4	13.4	18.7	24.1	29.5	34.1	38.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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: P632434

CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8
2.5°	1421.1	1411.8	1406.4	1399.7	1401.7	1395.7	1392.4	1394.4	1382.3	1394.4	1406.4
5°	1361.6	1348.2	1337.5	1328.8	1324.8	1316.7	1312.0	1312.0	1304.7	1316.7	1331.4
7.5°	1309.4	1298.6	1293.3	1287.9	1281.9	1274.5	1266.5	1263.8	1259.1	1271.9	1284.6
10°	1274.5	1275.9	1279.2	1286.6	1285.3	1280.6	1268.5	1261.8	1261.8	1276.6	1296.0
12.5°	1290.6	1304.7	1312.7	1326.1	1328.8	1324.8	1312.7	1307.3	1320.7	1342.8	1375.0
15°	1352.9	1362.2	1368.9	1379.6	1379.0	1375.6	1366.3	1370.3	1414.5	1457.3	1486.1
17.5°	1420.5	1409.8	1408.4	1415.1	1417.1	1413.1	1407.8	1425.8	1498.8	1539.0	1553.7
20°	1469.3	1432.5	1424.5	1427.2	1432.5	1430.5	1430.5	1460.0	1535.6	1554.4	1535.6
22.5°	1484.1	1431.9	1419.8	1420.5	1427.8	1428.5	1431.9	1462.6	1506.8	1507.5	1478.7
25°	1460.6	1410.4	1401.7	1403.1	1411.8	1411.1	1412.4	1429.8	1449.3	1441.2	1419.8
27.5°	1416.5	1372.9	1370.3	1377.6	1389.0	1383.0	1379.0	1383.7	1393.0	1383.0	1364.2
30°	1366.3	1329.4	1330.8	1344.8	1356.9	1346.8	1336.8	1339.5	1340.1	1329.4	1308.0
32.5°	1313.4	1285.9	1290.6	1305.3	1319.4	1308.7	1298.0	1296.6	1283.9	1271.2	1250.4
35°	1260.5	1249.8	1255.8	1267.9	1279.9	1271.2	1264.5	1260.5	1233.0	1214.3	1196.9
37.5°	1212.3	1220.3	1231.0	1238.4	1242.4	1241.7	1237.7	1228.4	1192.2	1170.1	1147.4
40°	1169.4	1194.2	1205.6	1208.9	1215.0	1213.6	1213.0	1199.6	1152.0	1128.6	1102.5
42.5°	1130.6	1165.4	1184.8	1188.2	1191.5	1192.2	1190.2	1170.8	1116.6	1089.1	1064.4
45°	1093.1	1138.7	1163.4	1160.1	1164.8	1164.8	1166.8	1141.3	1081.8	1053.6	1027.5
47.5°	1060.3	1113.9	1136.6	1132.6	1135.3	1137.3	1139.3	1109.9	1043.6	1016.8	990.0
50°	1030.2	1087.1	1106.5	1107.9	1107.9	1112.6	1111.9	1083.1	1011.5	982.7	955.9
52.5°	998.1	1059.7	1080.4	1089.1	1091.8	1093.8	1084.4	1051.0	978.7	943.9	919.1
55°	960.6	1031.6	1050.3	1061.7	1067.0	1065.7	1053.0	1018.8	945.2	910.4	882.3
57.5°	903.7	971.3	998.1	1003.4	1012.1	1006.8	992.1	963.3	891.6	856.8	828.1
60°	841.4	890.3	911.7	916.4	909.7	911.7	909.7	882.3	820.0	792.6	763.1
62.5°	759.8	803.3	826.0	832.1	820.7	828.1	825.4	791.2	729.0	700.2	674.1
65°	698.2	745.7	772.5	775.8	772.5	775.8	766.5	725.0	666.1	636.6	609.8
67.5°	650.0	698.9	727.0	736.3	733.0	732.3	717.6	669.4	608.5	576.4	542.2
70°	567.0	609.8	646.0	668.7	668.7	656.0	627.9	583.1	534.2	506.7	480.0
72.5°	502.1	556.3	591.8	615.2	619.9	612.5	573.0	525.5	469.3	441.8	413.7
75°	413.7	466.6	504.7	535.5	541.5	533.5	488.0	441.1	388.9	362.1	334.0
77.5°	276.5	307.9	338.7	366.8	360.8	366.2	335.4	299.9	267.8	247.7	235.0
80°	156.0	176.7	186.1	201.5	201.5	201.5	181.4	164.7	146.6	135.2	122.5
82.5°	88.4	101.7	105.8	118.5	121.8	122.5	109.1	98.4	87.0	81.0	72.3
85°	40.8	48.2	48.9	56.2	58.9	64.3	58.2	50.9	44.2	41.5	36.1
87.5°	1.3	4.0	5.4	10.0	13.4	15.4	16.7	16.7	14.1	12.7	10.7
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: P632434

CATALOG NUMBER: GWS-SA2C-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8	1500.8
2.5°	1421.1	1437.2	1456.0	1469.3	1493.4	1513.5	1534.3	1557.0	1573.8	1569.8
5°	1349.5	1376.3	1410.4	1441.9	1486.7	1532.3	1582.5	1634.0	1664.1	1662.8
7.5°	1309.4	1347.5	1389.0	1431.2	1484.1	1549.7	1626.7	1707.0	1747.8	1749.8
10°	1330.8	1371.6	1399.7	1435.2	1490.8	1573.1	1665.5	1761.9	1808.7	1818.1
12.5°	1398.4	1395.0	1393.0	1418.5	1485.4	1589.8	1703.0	1818.1	1871.0	1882.4
15°	1462.6	1393.7	1352.2	1369.6	1461.3	1600.5	1739.8	1879.7	1939.3	1951.3
17.5°	1474.7	1370.3	1293.3	1305.3	1423.2	1603.9	1775.3	1939.9	2004.2	2015.6
20°	1441.2	1340.1	1250.4	1233.7	1375.0	1595.2	1797.4	1990.1	2060.4	2072.5
22.5°	1399.1	1313.4	1218.3	1174.8	1316.0	1586.5	1822.1	2043.0	2124.0	2134.7
25°	1354.9	1279.2	1188.2	1121.9	1249.1	1581.1	1863.6	2112.6	2210.4	2223.1
27.5°	1308.0	1237.7	1162.1	1096.5	1187.5	1587.8	1922.5	2225.1	2336.2	2354.3
30°	1257.8	1196.2	1145.4	1087.8	1145.4	1593.9	1987.5	2340.2	2470.8	2496.2
32.5°	1205.6	1158.1	1127.9	1091.8	1119.2	1579.8	2044.4	2469.4	2631.4	2653.5
35°	1153.4	1119.2	1105.9	1099.2	1084.4	1528.3	2090.6	2600.0	2814.8	2834.3
37.5°	1104.5	1079.1	1075.1	1082.4	1030.9	1443.9	2144.1	2766.0	2994.9	3024.4
40°	1059.0	1035.6	1034.9	1033.6	972.0	1328.8	2216.4	2934.7	3172.3	3185.7
42.5°	1016.8	987.4	992.7	976.7	923.8	1204.3	2284.7	3078.6	3337.7	3347.0
45°	979.3	940.5	946.5	926.5	901.0	1073.7	2344.9	3248.6	3547.2	3553.2
47.5°	943.2	901.7	885.0	883.6	897.0	953.2	2403.8	3576.0	3875.2	3885.9
50°	909.7	864.9	817.3	846.8	872.2	862.9	2477.5	3926.7	4213.9	4211.2
52.5°	877.6	818.7	751.1	808.0	808.0	795.9	2456.7	4139.6	4493.7	4539.9
55°	840.8	744.4	682.1	743.0	713.6	735.7	2089.2	4209.2	4669.8	4735.4
57.5°	767.8	652.7	598.4	631.2	587.1	682.1	1500.8	3863.8	4370.5	4487.0
60°	697.5	585.1	549.6	543.6	486.0	556.3	972.6	3025.0	3597.4	3656.3
62.5°	615.2	526.8	496.7	450.5	390.9	405.0	589.1	1990.8	2417.2	2430.6
65°	552.9	477.3	419.7	364.8	320.0	293.9	348.1	959.9	1208.3	1192.2
67.5°	474.6	409.0	354.1	314.6	277.8	245.0	231.6	285.2	322.7	311.9
70°	422.4	359.5	306.6	269.1	235.0	202.2	178.7	168.0	164.7	162.0
72.5°	364.2	309.3	254.4	218.2	186.1	156.0	134.6	121.8	118.5	115.8
75°	290.5	239.0	188.8	154.6	126.5	105.1	91.0	80.3	78.3	75.6
77.5°	192.1	153.3	112.5	91.7	75.0	63.6	54.2	47.5	46.2	44.9
80°	105.8	88.4	68.9	55.6	44.9	38.8	35.5	31.5	30.8	30.1
82.5°	62.9	52.9	39.5	31.5	26.1	23.4	21.4	19.4	18.7	18.1
85°	31.5	24.8	17.4	14.7	13.4	12.0	12.0	10.0	9.4	9.4
87.5°	8.0	6.7	4.0	3.3	3.3	3.3	2.7	2.0	2.0	1.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)