

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: P632876

Luminaire Tested: GWS-SA2D-750-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P632876
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-SA2D-750-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11308.8 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

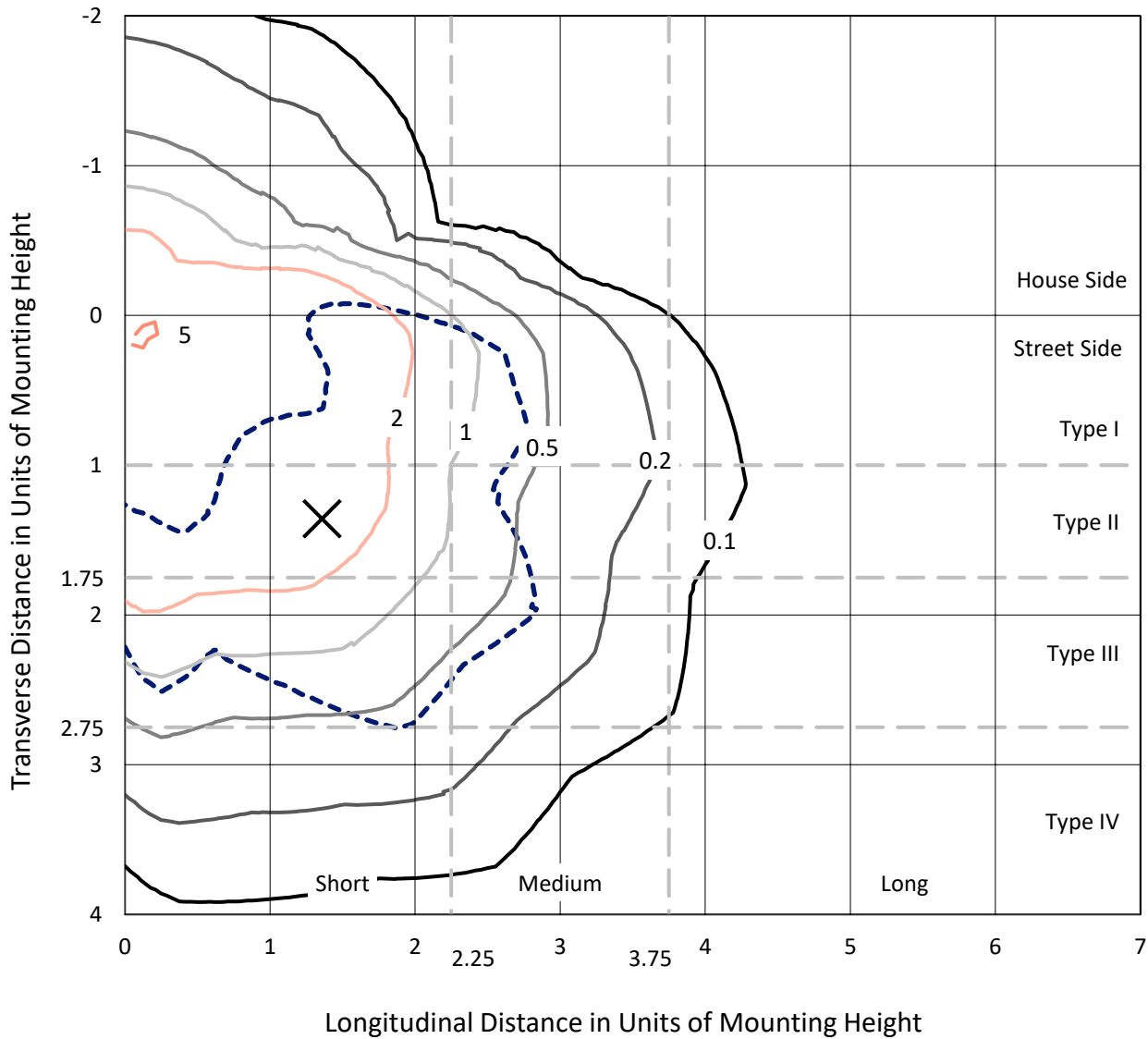
Input Watts (W): 82.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P632876
 CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

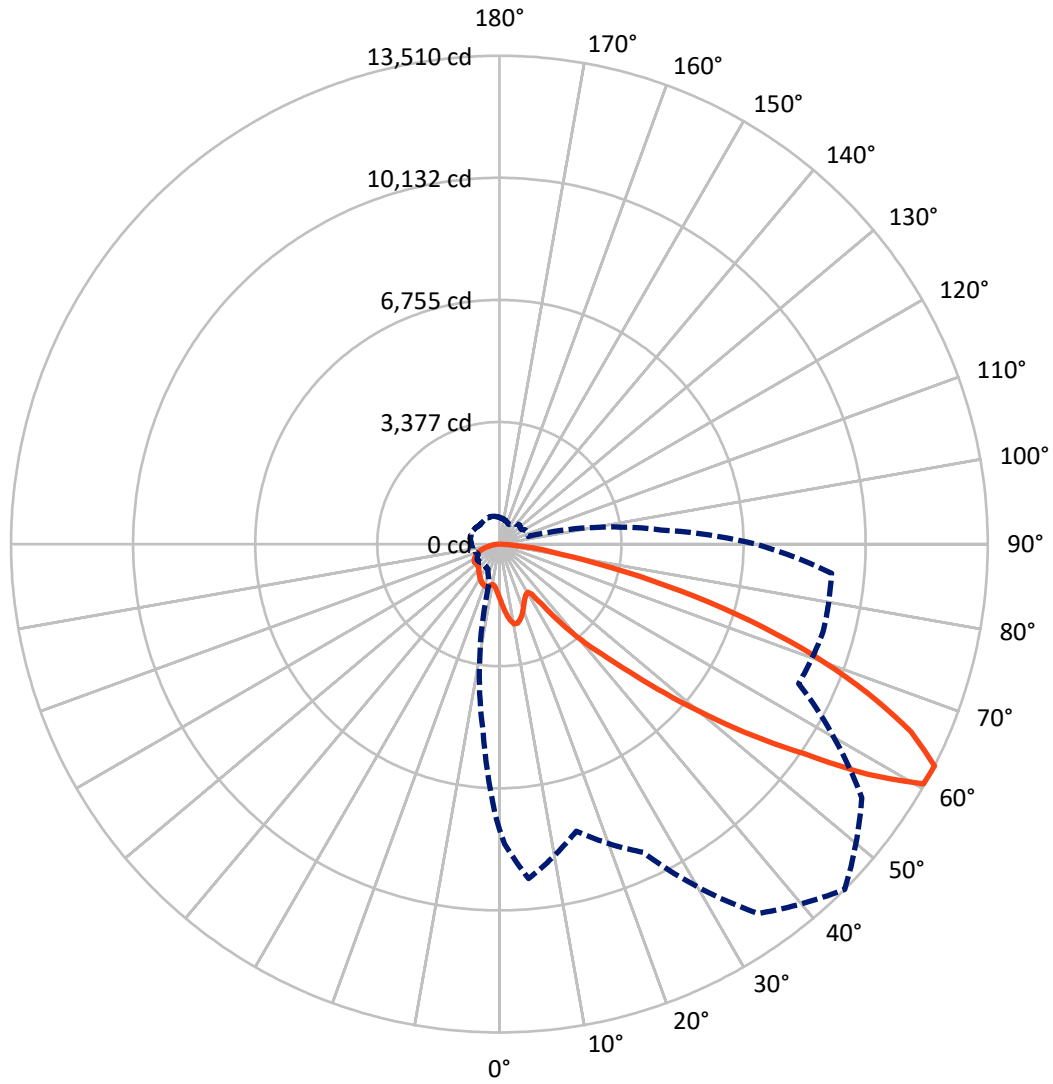
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.4 fc
 Type III - Short - N/A

REPORT NUMBER: P632876
CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P632876

CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2698.5 | 0.0 | 2698.5 |
| | % Fixture | 23.9 | 0.0 | 23.9 |
| Street Side | Lumens | 8610.3 | 0.0 | 8610.3 |
| | % Fixture | 76.1 | 0.0 | 76.1 |
| Total | Lumens | 11308.8 | 0.0 | 11308.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 146.6 | 1.3 |
| 10°-20° | 459.5 | 4.1 |
| 20°-30° | 713.7 | 6.3 |
| 30°-40° | 969.1 | 8.6 |
| 40°-50° | 1535.9 | 13.6 |
| 50°-60° | 2709.3 | 24.0 |
| 60°-70° | 3014.5 | 26.7 |
| 70°-80° | 1528.8 | 13.5 |
| 80°-90° | 231.5 | 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° | 11308.8 | 100.0 |
| 0°-180° | 11308.8 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P632876

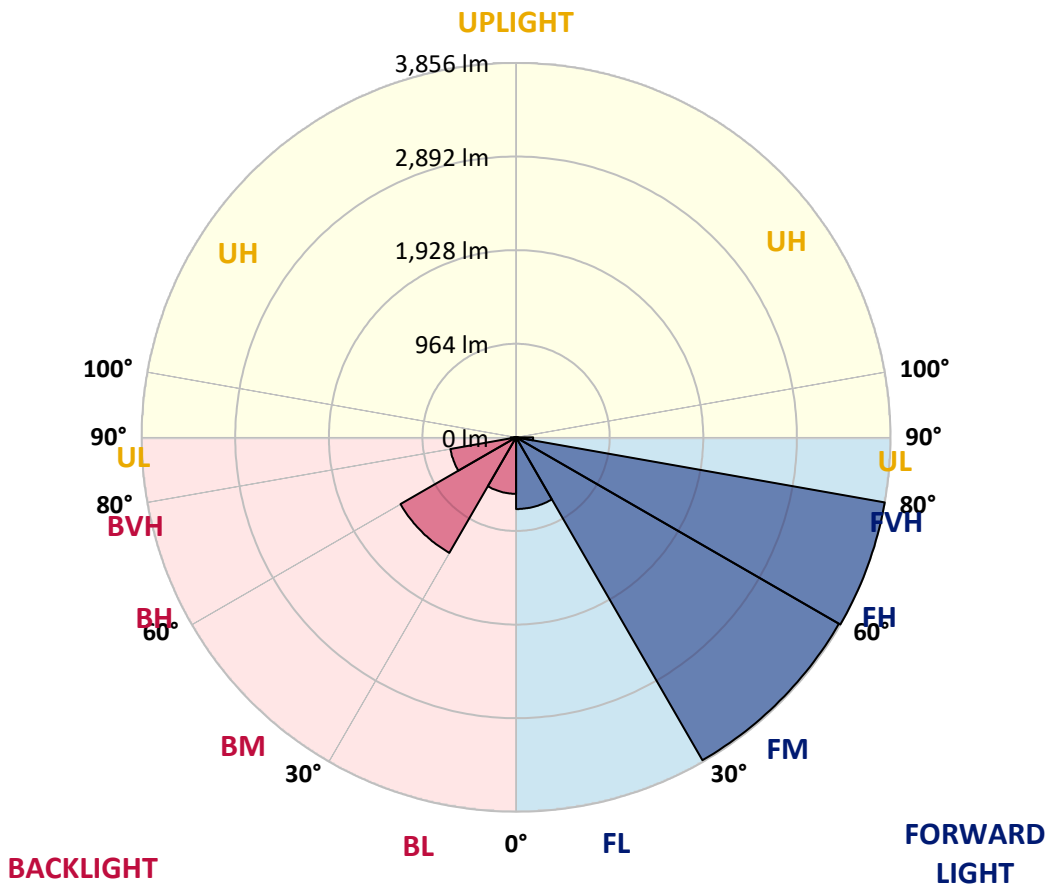
CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 738.4 | 6.5 | | | |
| FM (30°-60°) | 3839.8 | 34.0 | | | |
| FH (60°-80°) | 3856.4 | 34.1 | | | G2/5000 |
| FVH (80°-90°) | 175.7 | 1.6 | | | G2/225 |
| BL (0°-30°) | 581.5 | 5.1 | B2/1000 | | |
| BM (30°-60°) | 1374.4 | 12.2 | B2/2500 | | |
| BH (60°-80°) | 686.9 | 6.1 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 55.8 | 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: P632876
 CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|---------|--------|--------|---------|---------|---------|--------|---------|---------|
| 0° | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 |
| 2.5° | 1613.1 | 1612.2 | 1628.5 | 1653.3 | 1676.4 | 1686.7 | 1703.8 | 1702.1 | 1688.4 | 1670.4 | 1664.4 |
| 5° | 1739.8 | 1743.2 | 1771.5 | 1826.3 | 1887.1 | 1912.7 | 1923.9 | 1919.6 | 1894.8 | 1863.1 | 1807.4 |
| 7.5° | 1854.5 | 1860.5 | 1904.2 | 1986.4 | 2061.7 | 2096.0 | 2123.4 | 2118.2 | 2082.3 | 2023.2 | 1941.0 |
| 10° | 1938.4 | 1945.3 | 1997.5 | 2094.3 | 2178.2 | 2208.1 | 2243.2 | 2244.9 | 2213.3 | 2133.6 | 2049.7 |
| 12.5° | 2022.3 | 2029.2 | 2078.0 | 2166.2 | 2221.0 | 2221.8 | 2242.4 | 2253.5 | 2255.2 | 2218.4 | 2134.5 |
| 15° | 2109.7 | 2115.7 | 2160.2 | 2209.8 | 2207.3 | 2159.3 | 2159.3 | 2180.7 | 2227.8 | 2254.4 | 2196.1 |
| 17.5° | 2184.2 | 2191.9 | 2226.1 | 2209.8 | 2133.6 | 2047.2 | 2036.9 | 2064.3 | 2146.5 | 2248.4 | 2242.4 |
| 20° | 2245.8 | 2251.8 | 2270.6 | 2162.7 | 2024.0 | 1911.0 | 1891.3 | 1923.0 | 2034.3 | 2211.6 | 2277.5 |
| 22.5° | 2304.9 | 2308.3 | 2298.0 | 2101.1 | 1905.9 | 1776.6 | 1752.6 | 1786.0 | 1905.9 | 2146.5 | 2307.4 |
| 25° | 2375.1 | 2371.7 | 2322.9 | 2036.9 | 1798.0 | 1670.4 | 1645.6 | 1683.3 | 1808.3 | 2060.0 | 2340.0 |
| 27.5° | 2456.4 | 2443.6 | 2344.3 | 1967.5 | 1715.0 | 1591.7 | 1574.5 | 1614.8 | 1731.2 | 1980.4 | 2365.7 |
| 30° | 2525.8 | 2500.9 | 2347.7 | 1905.9 | 1672.1 | 1558.3 | 1548.0 | 1585.7 | 1693.6 | 1926.4 | 2398.2 |
| 32.5° | 2602.8 | 2568.6 | 2367.4 | 1889.6 | 1696.1 | 1638.8 | 1652.5 | 1655.0 | 1703.8 | 1911.0 | 2447.0 |
| 35° | 2713.3 | 2668.8 | 2421.3 | 1936.7 | 1942.7 | 2039.5 | 2089.1 | 2022.3 | 1858.8 | 1945.3 | 2539.5 |
| 37.5° | 2880.2 | 2823.7 | 2530.9 | 2140.5 | 2452.1 | 2668.8 | 2788.6 | 2636.2 | 2329.7 | 2074.6 | 2679.0 |
| 40° | 3083.2 | 3011.2 | 2671.3 | 2517.2 | 2928.2 | 3274.9 | 3488.1 | 3264.7 | 2814.3 | 2397.3 | 2875.1 |
| 42.5° | 3366.6 | 3291.2 | 2943.6 | 2887.1 | 3369.1 | 3885.4 | 4163.7 | 3830.6 | 3241.6 | 2814.3 | 3189.3 |
| 45° | 3860.6 | 3787.8 | 3442.8 | 3257.8 | 3885.4 | 4637.1 | 5027.6 | 4564.4 | 3675.6 | 3233.0 | 3776.7 |
| 47.5° | 4773.3 | 4687.7 | 4184.2 | 3668.8 | 4474.5 | 5613.2 | 6159.5 | 5484.8 | 4126.9 | 3712.5 | 4763.0 |
| 50° | 5869.2 | 5787.0 | 5114.9 | 4155.1 | 5125.2 | 6656.9 | 7416.4 | 6566.2 | 4646.6 | 4295.5 | 5942.0 |
| 52.5° | 7187.8 | 7172.3 | 6442.9 | 4769.9 | 5802.4 | 7770.0 | 8811.1 | 7764.0 | 5215.9 | 5080.7 | 7277.7 |
| 55° | 8376.1 | 8526.8 | 8129.6 | 5707.4 | 6677.5 | 9168.1 | 10245.2 | 9070.5 | 5988.2 | 6378.6 | 8841.9 |
| 57.5° | 9016.6 | 9421.6 | 10032.0 | 7620.1 | 7949.8 | 10839.4 | 12015.0 | 10665.6 | 7315.3 | 8539.7 | 10292.3 |
| 60° | 8593.6 | 9052.5 | 10158.7 | 9060.2 | 9211.8 | 12178.5 | 13475.6 | 12006.4 | 8618.5 | 10039.7 | 10210.1 |
| 62.5° | 7889.8 | 8301.7 | 9285.4 | 8219.5 | 9407.0 | 12473.0 | 13509.9 | 12240.2 | 9136.4 | 9278.6 | 9222.9 |
| 65° | 7055.0 | 7470.3 | 8512.3 | 7174.9 | 8786.3 | 11773.5 | 12513.3 | 11552.6 | 8205.8 | 8383.0 | 8403.5 |
| 67.5° | 5946.3 | 6329.8 | 7390.7 | 6379.5 | 8008.8 | 10747.0 | 10983.3 | 10573.1 | 7556.8 | 7839.3 | 7543.9 |
| 70° | 4442.8 | 4788.7 | 5725.4 | 5184.3 | 6751.1 | 9409.6 | 9218.6 | 9279.4 | 6828.1 | 7109.0 | 6301.6 |
| 72.5° | 3036.1 | 3296.3 | 4099.5 | 4073.8 | 5169.7 | 7532.8 | 7266.5 | 7842.7 | 5703.1 | 6075.6 | 4804.1 |
| 75° | 2123.4 | 2326.3 | 2963.3 | 3218.4 | 3907.7 | 5583.2 | 5174.8 | 5870.1 | 4453.9 | 4985.6 | 3505.3 |
| 77.5° | 1303.1 | 1437.6 | 1871.6 | 2384.5 | 2513.8 | 3821.2 | 3214.2 | 4417.1 | 3127.7 | 3636.3 | 2338.3 |
| 80° | 651.6 | 716.6 | 909.3 | 1499.2 | 1667.0 | 2251.8 | 1774.9 | 2564.3 | 2116.5 | 2251.8 | 1293.7 |
| 82.5° | 196.9 | 217.5 | 266.3 | 569.4 | 863.9 | 1296.3 | 1048.8 | 1489.8 | 1155.9 | 1055.7 | 509.4 |
| 85° | 52.2 | 59.1 | 73.6 | 168.7 | 303.1 | 464.9 | 354.5 | 721.8 | 554.0 | 389.6 | 191.8 |
| 87.5° | 4.3 | 4.3 | 3.4 | 3.4 | 1.7 | 0.0 | 0.0 | 51.4 | 103.6 | 59.1 | 33.4 |
| 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: P632876
 CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 |
| 2.5° | 1634.5 | 1631.1 | 1595.9 | 1570.3 | 1540.3 | 1511.2 | 1481.2 | 1454.7 | 1424.7 | 1394.7 | 1386.2 |
| 5° | 1766.3 | 1742.4 | 1667.9 | 1605.4 | 1543.7 | 1489.8 | 1442.7 | 1393.9 | 1354.5 | 1316.0 | 1301.4 |
| 7.5° | 1882.8 | 1840.8 | 1732.9 | 1637.9 | 1552.3 | 1485.5 | 1416.1 | 1345.1 | 1289.4 | 1234.6 | 1220.9 |
| 10° | 1988.1 | 1932.4 | 1796.3 | 1676.4 | 1581.4 | 1505.2 | 1423.9 | 1328.8 | 1248.3 | 1181.5 | 1163.6 |
| 12.5° | 2066.0 | 2005.2 | 1851.1 | 1713.2 | 1605.4 | 1519.7 | 1439.3 | 1355.4 | 1270.6 | 1184.1 | 1164.4 |
| 15° | 2127.6 | 2064.3 | 1896.5 | 1741.5 | 1606.2 | 1495.8 | 1417.9 | 1388.7 | 1362.2 | 1277.4 | 1241.5 |
| 17.5° | 2177.3 | 2110.5 | 1935.9 | 1758.6 | 1583.1 | 1423.0 | 1355.4 | 1398.2 | 1465.8 | 1412.7 | 1345.1 |
| 20° | 2222.7 | 2155.0 | 1965.8 | 1770.6 | 1531.7 | 1322.8 | 1285.1 | 1375.9 | 1477.8 | 1476.1 | 1415.3 |
| 22.5° | 2272.3 | 2206.4 | 2009.5 | 1777.5 | 1459.8 | 1220.9 | 1243.2 | 1343.4 | 1426.4 | 1451.2 | 1413.6 |
| 25° | 2335.7 | 2277.5 | 2070.3 | 1792.9 | 1378.5 | 1150.7 | 1212.4 | 1301.4 | 1370.8 | 1376.8 | 1354.5 |
| 27.5° | 2409.3 | 2365.7 | 2161.0 | 1828.8 | 1299.7 | 1114.8 | 1176.4 | 1242.3 | 1305.7 | 1308.3 | 1281.7 |
| 30° | 2489.8 | 2460.7 | 2244.9 | 1858.8 | 1240.6 | 1103.6 | 1130.2 | 1183.3 | 1223.5 | 1230.4 | 1207.2 |
| 32.5° | 2592.6 | 2566.9 | 2319.4 | 1839.1 | 1205.5 | 1101.1 | 1087.4 | 1114.8 | 1148.2 | 1148.2 | 1130.2 |
| 35° | 2733.8 | 2697.9 | 2398.2 | 1763.8 | 1162.7 | 1090.8 | 1042.0 | 1049.7 | 1064.2 | 1066.8 | 1056.5 |
| 37.5° | 2934.2 | 2875.1 | 2477.8 | 1614.8 | 1092.5 | 1054.0 | 989.8 | 980.3 | 985.5 | 992.3 | 989.8 |
| 40° | 3182.5 | 3085.7 | 2594.3 | 1435.8 | 1008.6 | 982.9 | 935.8 | 917.8 | 913.6 | 927.3 | 932.4 |
| 42.5° | 3495.0 | 3346.9 | 2719.3 | 1268.9 | 932.4 | 901.6 | 872.5 | 857.1 | 850.2 | 873.3 | 887.0 |
| 45° | 3994.1 | 3750.1 | 2839.1 | 1103.6 | 889.6 | 832.2 | 812.5 | 801.4 | 804.8 | 832.2 | 849.3 |
| 47.5° | 4856.3 | 4365.7 | 2953.0 | 999.2 | 886.2 | 782.6 | 758.6 | 761.2 | 770.6 | 799.7 | 820.2 |
| 50° | 5947.1 | 5190.3 | 3029.2 | 955.5 | 896.4 | 752.6 | 720.9 | 734.6 | 749.2 | 777.4 | 801.4 |
| 52.5° | 7057.6 | 5958.3 | 2938.5 | 931.5 | 895.6 | 753.5 | 685.8 | 726.9 | 733.8 | 762.0 | 787.7 |
| 55° | 7821.3 | 6043.9 | 2538.6 | 894.7 | 881.9 | 787.7 | 658.4 | 723.5 | 727.8 | 753.5 | 776.6 |
| 57.5° | 8112.4 | 5751.1 | 1935.9 | 905.0 | 840.8 | 814.2 | 646.4 | 699.5 | 730.3 | 752.6 | 776.6 |
| 60° | 7760.5 | 5198.8 | 1176.4 | 931.5 | 774.9 | 812.5 | 654.1 | 655.8 | 708.9 | 746.6 | 770.6 |
| 62.5° | 7097.0 | 4489.9 | 826.2 | 856.2 | 726.9 | 767.2 | 672.1 | 604.5 | 671.3 | 716.6 | 738.0 |
| 65° | 6336.7 | 3655.9 | 630.2 | 737.2 | 703.8 | 696.9 | 678.1 | 559.1 | 619.9 | 664.4 | 683.2 |
| 67.5° | 5544.7 | 2841.7 | 512.0 | 549.7 | 636.2 | 630.2 | 619.9 | 518.9 | 559.1 | 590.8 | 612.2 |
| 70° | 4547.2 | 1988.1 | 432.4 | 412.7 | 545.4 | 565.1 | 542.0 | 468.3 | 481.2 | 513.7 | 530.8 |
| 72.5° | 3326.3 | 1238.9 | 355.3 | 340.8 | 438.4 | 494.0 | 482.0 | 412.7 | 418.7 | 449.5 | 463.2 |
| 75° | 2392.2 | 708.9 | 285.1 | 280.8 | 334.8 | 423.0 | 399.0 | 355.3 | 362.2 | 385.3 | 394.7 |
| 77.5° | 1520.6 | 394.7 | 220.0 | 226.0 | 239.7 | 315.9 | 340.8 | 303.9 | 303.9 | 317.6 | 325.4 |
| 80° | 814.2 | 226.0 | 161.0 | 163.5 | 167.8 | 241.4 | 268.8 | 235.5 | 235.5 | 226.0 | 235.5 |
| 82.5° | 332.2 | 130.1 | 110.4 | 102.7 | 112.2 | 165.2 | 188.4 | 149.8 | 156.7 | 141.3 | 144.7 |
| 85° | 109.6 | 65.1 | 54.8 | 53.9 | 53.1 | 72.8 | 90.8 | 74.5 | 89.0 | 56.5 | 59.1 |
| 87.5° | 14.6 | 12.0 | 6.8 | 5.1 | 6.0 | 2.6 | 5.1 | 6.0 | 6.0 | 4.3 | 4.3 |
| 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: P632876
 CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 |
| 2.5° | 1380.2 | 1373.3 | 1348.5 | 1354.5 | 1350.2 | 1343.4 | 1350.2 | 1337.4 | 1347.6 | 1351.1 | 1372.5 |
| 5° | 1290.3 | 1274.0 | 1250.0 | 1238.1 | 1235.5 | 1228.6 | 1229.5 | 1223.5 | 1225.2 | 1239.8 | 1263.7 |
| 7.5° | 1209.8 | 1194.4 | 1175.6 | 1167.0 | 1159.3 | 1151.6 | 1150.7 | 1149.9 | 1156.7 | 1169.6 | 1192.7 |
| 10° | 1151.6 | 1143.0 | 1135.3 | 1138.7 | 1135.3 | 1131.9 | 1125.9 | 1125.9 | 1137.0 | 1160.1 | 1188.4 |
| 12.5° | 1151.6 | 1149.9 | 1151.6 | 1161.9 | 1161.0 | 1161.9 | 1154.1 | 1158.4 | 1189.3 | 1228.6 | 1268.9 |
| 15° | 1213.2 | 1199.5 | 1199.5 | 1204.7 | 1203.0 | 1203.0 | 1203.0 | 1220.9 | 1291.1 | 1351.9 | 1394.7 |
| 17.5° | 1288.6 | 1248.3 | 1231.2 | 1228.6 | 1227.8 | 1227.8 | 1231.2 | 1269.7 | 1379.3 | 1443.5 | 1468.4 |
| 20° | 1340.8 | 1264.6 | 1236.3 | 1225.2 | 1226.1 | 1227.8 | 1238.1 | 1291.1 | 1411.9 | 1444.4 | 1438.4 |
| 22.5° | 1350.2 | 1251.8 | 1217.5 | 1201.2 | 1203.8 | 1205.5 | 1220.9 | 1277.4 | 1367.3 | 1372.5 | 1360.5 |
| 25° | 1306.6 | 1215.8 | 1179.0 | 1166.1 | 1169.6 | 1168.7 | 1182.4 | 1223.5 | 1287.7 | 1286.0 | 1279.2 |
| 27.5° | 1241.5 | 1158.4 | 1131.0 | 1122.5 | 1128.5 | 1121.6 | 1125.9 | 1157.6 | 1207.2 | 1205.5 | 1203.0 |
| 30° | 1174.7 | 1102.8 | 1077.9 | 1073.7 | 1081.4 | 1071.1 | 1072.0 | 1098.5 | 1132.7 | 1131.0 | 1130.2 |
| 32.5° | 1107.9 | 1047.1 | 1024.9 | 1024.9 | 1032.6 | 1021.4 | 1023.2 | 1046.3 | 1069.4 | 1062.5 | 1062.5 |
| 35° | 1044.6 | 1001.7 | 983.8 | 980.3 | 986.3 | 978.6 | 982.1 | 1003.5 | 1012.0 | 1002.6 | 996.6 |
| 37.5° | 988.9 | 970.1 | 952.1 | 940.1 | 941.0 | 941.8 | 952.1 | 968.4 | 963.2 | 949.5 | 941.8 |
| 40° | 937.5 | 937.5 | 920.4 | 898.1 | 895.6 | 901.6 | 918.7 | 936.7 | 922.1 | 906.7 | 897.3 |
| 42.5° | 900.7 | 908.4 | 892.2 | 869.9 | 864.8 | 875.0 | 893.9 | 906.7 | 889.6 | 872.5 | 859.6 |
| 45° | 866.5 | 885.3 | 874.2 | 849.3 | 842.5 | 854.5 | 878.5 | 883.6 | 860.5 | 844.2 | 834.8 |
| 47.5° | 842.5 | 868.2 | 860.5 | 836.5 | 826.2 | 843.4 | 868.2 | 867.3 | 838.2 | 821.1 | 813.4 |
| 50° | 825.4 | 857.9 | 857.1 | 836.5 | 825.4 | 846.8 | 869.0 | 857.9 | 826.2 | 808.2 | 800.5 |
| 52.5° | 811.7 | 857.1 | 863.0 | 851.1 | 843.4 | 862.2 | 875.9 | 854.5 | 817.7 | 798.8 | 792.8 |
| 55° | 805.7 | 860.5 | 864.8 | 853.6 | 846.8 | 863.9 | 875.9 | 861.3 | 817.7 | 800.5 | 795.4 |
| 57.5° | 807.4 | 856.2 | 857.1 | 841.6 | 829.7 | 851.1 | 869.9 | 865.6 | 827.1 | 807.4 | 801.4 |
| 60° | 797.1 | 833.1 | 834.8 | 810.8 | 797.1 | 822.8 | 856.2 | 853.6 | 822.8 | 802.3 | 791.1 |
| 62.5° | 762.9 | 794.5 | 795.4 | 773.1 | 753.5 | 790.3 | 827.1 | 826.2 | 798.0 | 777.4 | 764.6 |
| 65° | 705.5 | 738.9 | 747.5 | 726.1 | 710.6 | 750.0 | 788.6 | 786.8 | 758.6 | 739.8 | 726.9 |
| 67.5° | 634.4 | 670.4 | 686.7 | 672.1 | 666.1 | 702.1 | 738.0 | 737.2 | 714.1 | 696.1 | 685.0 |
| 70° | 548.0 | 577.9 | 605.3 | 605.3 | 601.0 | 642.1 | 680.7 | 677.2 | 655.8 | 642.1 | 633.6 |
| 72.5° | 476.0 | 499.2 | 507.7 | 516.3 | 529.1 | 571.9 | 604.5 | 607.0 | 591.6 | 584.8 | 591.6 |
| 75° | 405.0 | 419.5 | 427.2 | 420.4 | 442.7 | 487.2 | 530.0 | 534.3 | 518.0 | 506.9 | 509.4 |
| 77.5° | 333.1 | 349.3 | 357.0 | 341.6 | 339.9 | 396.4 | 448.6 | 458.1 | 444.4 | 427.2 | 432.4 |
| 80° | 240.6 | 262.0 | 274.8 | 264.6 | 261.1 | 286.0 | 357.9 | 368.2 | 355.3 | 341.6 | 349.3 |
| 82.5° | 147.3 | 159.3 | 162.7 | 173.0 | 194.4 | 204.6 | 230.3 | 264.6 | 255.1 | 243.2 | 264.6 |
| 85° | 58.2 | 69.4 | 77.1 | 87.3 | 101.9 | 120.7 | 142.1 | 169.5 | 154.1 | 149.0 | 175.5 |
| 87.5° | 3.4 | 0.9 | 0.0 | 1.7 | 14.6 | 28.3 | 60.8 | 83.9 | 70.2 | 75.3 | 90.8 |
| 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: P632876
 CATALOG NUMBER: GWS-SA2D-750-U-SLR-W

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 | 1500.9 |
| 2.5° | 1389.6 | 1411.9 | 1441.8 | 1466.7 | 1498.3 | 1528.3 | 1559.1 | 1590.0 | 1606.2 | 1613.1 |
| 5° | 1291.1 | 1332.2 | 1380.2 | 1433.3 | 1494.9 | 1560.0 | 1625.9 | 1693.6 | 1736.4 | 1739.8 |
| 7.5° | 1232.1 | 1291.1 | 1357.1 | 1423.9 | 1500.1 | 1590.0 | 1694.4 | 1798.9 | 1842.5 | 1854.5 |
| 10° | 1250.9 | 1316.8 | 1369.1 | 1431.6 | 1515.5 | 1627.6 | 1750.9 | 1873.4 | 1923.9 | 1938.4 |
| 12.5° | 1326.2 | 1339.1 | 1355.4 | 1412.7 | 1515.5 | 1660.2 | 1809.1 | 1954.7 | 2008.6 | 2022.3 |
| 15° | 1388.7 | 1327.1 | 1298.0 | 1358.8 | 1494.9 | 1688.4 | 1870.8 | 2031.7 | 2096.8 | 2109.7 |
| 17.5° | 1393.9 | 1287.7 | 1224.4 | 1279.2 | 1459.0 | 1708.1 | 1929.9 | 2117.4 | 2172.2 | 2184.2 |
| 20° | 1341.7 | 1245.8 | 1163.6 | 1197.0 | 1410.2 | 1716.7 | 1972.7 | 2179.9 | 2233.8 | 2245.8 |
| 22.5° | 1282.6 | 1211.5 | 1122.5 | 1120.8 | 1351.1 | 1726.1 | 2024.0 | 2238.9 | 2297.2 | 2304.9 |
| 25° | 1226.9 | 1164.4 | 1089.1 | 1065.1 | 1282.6 | 1744.1 | 2093.4 | 2328.0 | 2372.5 | 2375.1 |
| 27.5° | 1161.9 | 1113.9 | 1062.5 | 1039.4 | 1222.6 | 1778.3 | 2196.1 | 2434.2 | 2460.7 | 2456.4 |
| 30° | 1102.8 | 1066.8 | 1043.7 | 1036.9 | 1185.0 | 1804.0 | 2293.7 | 2538.6 | 2540.3 | 2525.8 |
| 32.5° | 1040.3 | 1026.6 | 1026.6 | 1048.8 | 1154.1 | 1798.0 | 2373.4 | 2640.5 | 2624.2 | 2602.8 |
| 35° | 984.6 | 987.2 | 1005.2 | 1057.4 | 1102.8 | 1738.1 | 2449.6 | 2768.1 | 2744.1 | 2713.3 |
| 37.5° | 931.5 | 951.2 | 976.9 | 1027.4 | 1035.1 | 1649.0 | 2538.6 | 2948.7 | 2918.8 | 2880.2 |
| 40° | 886.2 | 916.1 | 946.1 | 970.9 | 963.2 | 1522.3 | 2662.8 | 3161.1 | 3127.7 | 3083.2 |
| 42.5° | 850.2 | 879.3 | 912.7 | 915.3 | 917.8 | 1390.5 | 2794.6 | 3421.4 | 3415.4 | 3366.6 |
| 45° | 827.1 | 845.9 | 877.6 | 873.3 | 915.3 | 1244.9 | 2916.2 | 3818.6 | 3897.4 | 3860.6 |
| 47.5° | 811.7 | 826.2 | 829.7 | 847.6 | 937.5 | 1114.8 | 3072.9 | 4596.1 | 4815.2 | 4773.3 |
| 50° | 803.1 | 817.7 | 779.1 | 849.3 | 941.0 | 1030.9 | 3289.5 | 5572.1 | 5924.9 | 5869.2 |
| 52.5° | 802.3 | 798.8 | 740.6 | 867.3 | 922.1 | 979.5 | 3402.5 | 6284.5 | 7067.0 | 7187.8 |
| 55° | 804.0 | 761.2 | 720.9 | 872.5 | 884.4 | 960.7 | 3024.1 | 6626.9 | 8121.0 | 8376.1 |
| 57.5° | 788.6 | 720.1 | 732.0 | 851.9 | 813.4 | 1011.2 | 2235.5 | 6504.5 | 8542.3 | 9016.6 |
| 60° | 759.4 | 680.7 | 752.6 | 796.3 | 740.6 | 924.7 | 1539.4 | 5958.3 | 8105.6 | 8593.6 |
| 62.5° | 717.5 | 653.3 | 750.0 | 724.3 | 714.1 | 756.9 | 1058.3 | 5193.7 | 7412.9 | 7889.8 |
| 65° | 670.4 | 631.0 | 709.8 | 655.0 | 661.0 | 582.2 | 748.3 | 4330.6 | 6585.8 | 7055.0 |
| 67.5° | 619.9 | 617.3 | 650.7 | 583.1 | 558.2 | 461.5 | 545.4 | 3471.0 | 5523.3 | 5946.3 |
| 70° | 562.5 | 581.4 | 591.6 | 518.0 | 452.9 | 362.2 | 405.0 | 2427.3 | 4074.6 | 4442.8 |
| 72.5° | 505.2 | 506.9 | 521.4 | 450.4 | 339.1 | 290.2 | 303.9 | 1470.1 | 2768.1 | 3036.1 |
| 75° | 446.9 | 430.7 | 444.4 | 366.5 | 252.6 | 238.0 | 234.6 | 908.4 | 1911.9 | 2123.4 |
| 77.5° | 384.4 | 366.5 | 348.5 | 275.7 | 202.9 | 184.1 | 179.8 | 509.4 | 1173.0 | 1303.1 |
| 80° | 312.5 | 288.5 | 260.3 | 202.1 | 148.1 | 131.9 | 131.0 | 248.3 | 584.8 | 651.6 |
| 82.5° | 243.2 | 197.8 | 190.1 | 125.9 | 91.6 | 80.5 | 85.6 | 95.0 | 176.4 | 196.9 |
| 85° | 170.4 | 143.8 | 101.0 | 50.5 | 41.1 | 33.4 | 32.5 | 28.3 | 47.1 | 52.2 |
| 87.5° | 95.0 | 62.5 | 32.5 | 6.0 | 6.8 | 7.7 | 6.0 | 4.3 | 4.3 | 4.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)