

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: P631935

Luminaire Tested: GWS-SA2B-760-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P631935
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2B-760-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT 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: 5419.5 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

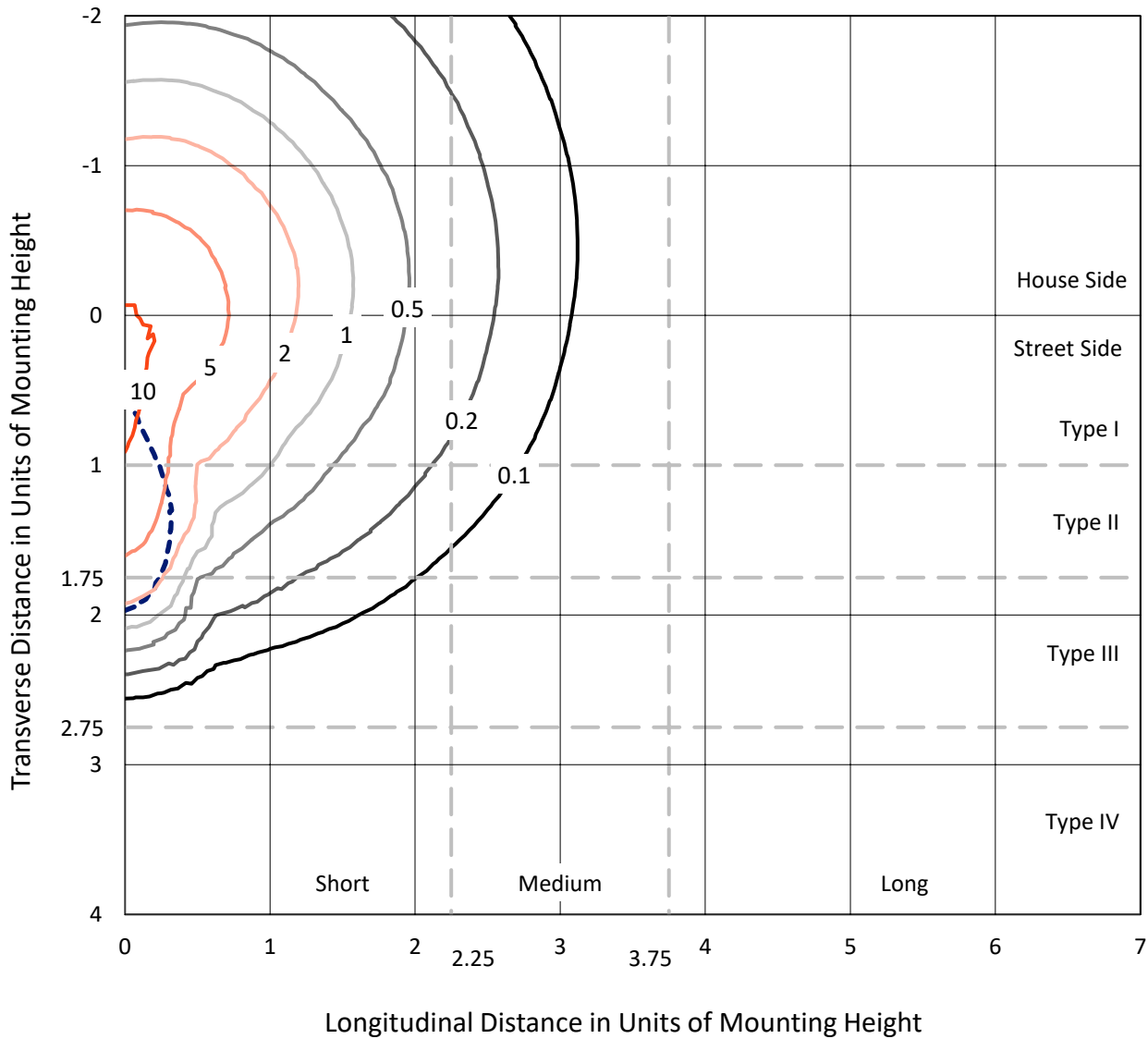
Input Watts (W): 46.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P631935
 CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

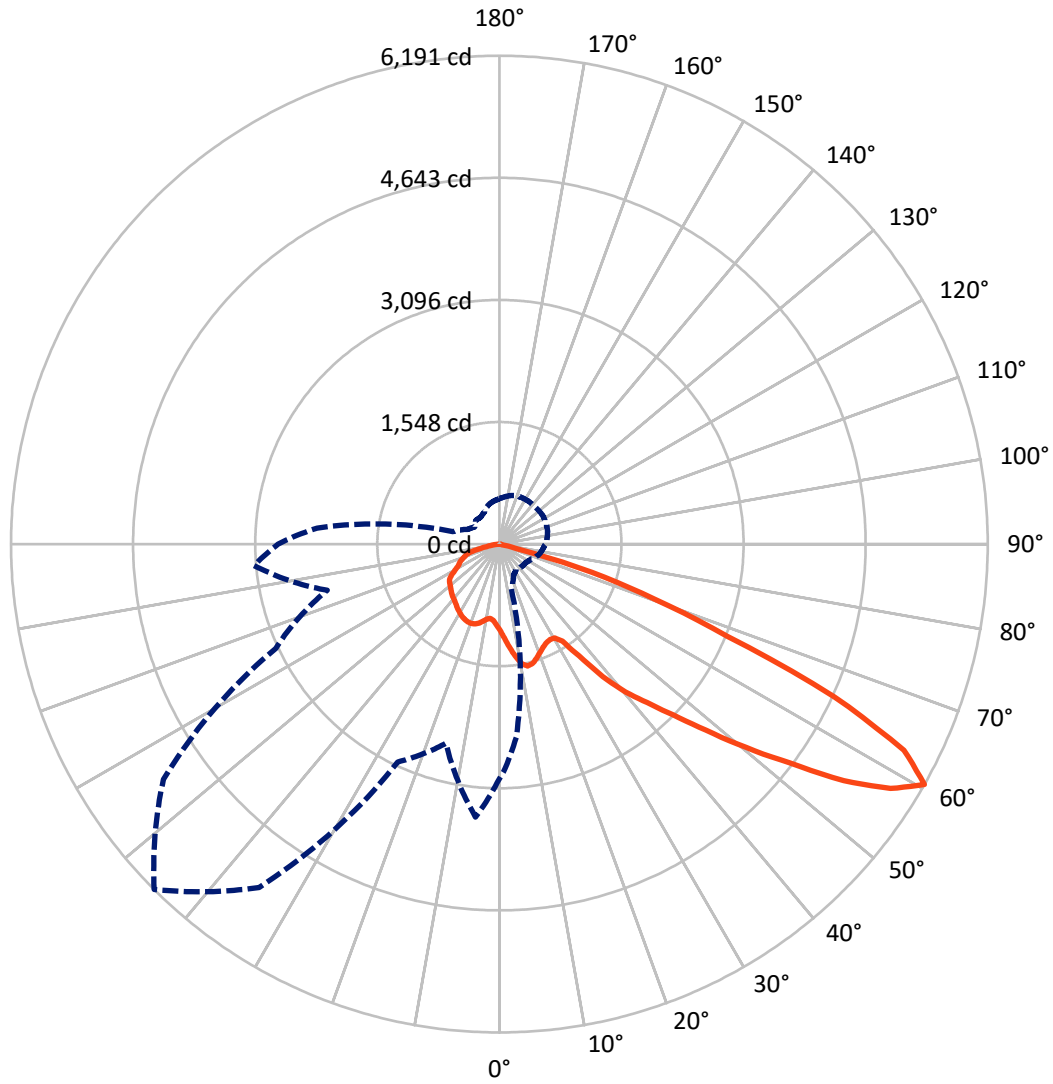
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
 Type III - Short - N/A

REPORT NUMBER: P631935
CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P631935

CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

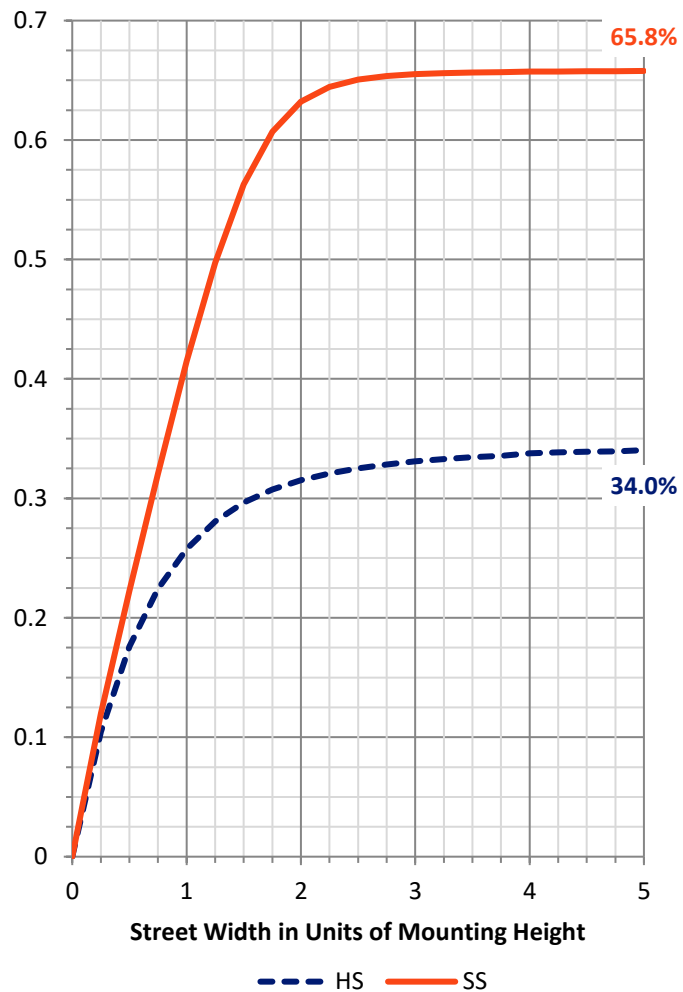
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1854.0 | 0.0 | 1854.0 |
| | % Fixture | 34.2 | 0.0 | 34.2 |
| Street Side | Lumens | 3565.5 | 0.0 | 3565.5 |
| | % Fixture | 65.8 | 0.0 | 65.8 |
| Total | Lumens | 5419.5 | 0.0 | 5419.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 106.8 | 2.0 |
| 10°-20° | 342.5 | 6.3 |
| 20°-30° | 557.8 | 10.3 |
| 30°-40° | 783.7 | 14.5 |
| 40°-50° | 1072.3 | 19.8 |
| 50°-60° | 1375.8 | 25.4 |
| 60°-70° | 926.4 | 17.1 |
| 70°-80° | 231.6 | 4.3 |
| 80°-90° | 22.6 | 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° | 5419.5 | 100.0 |
| 0°-180° | 5419.5 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P631935

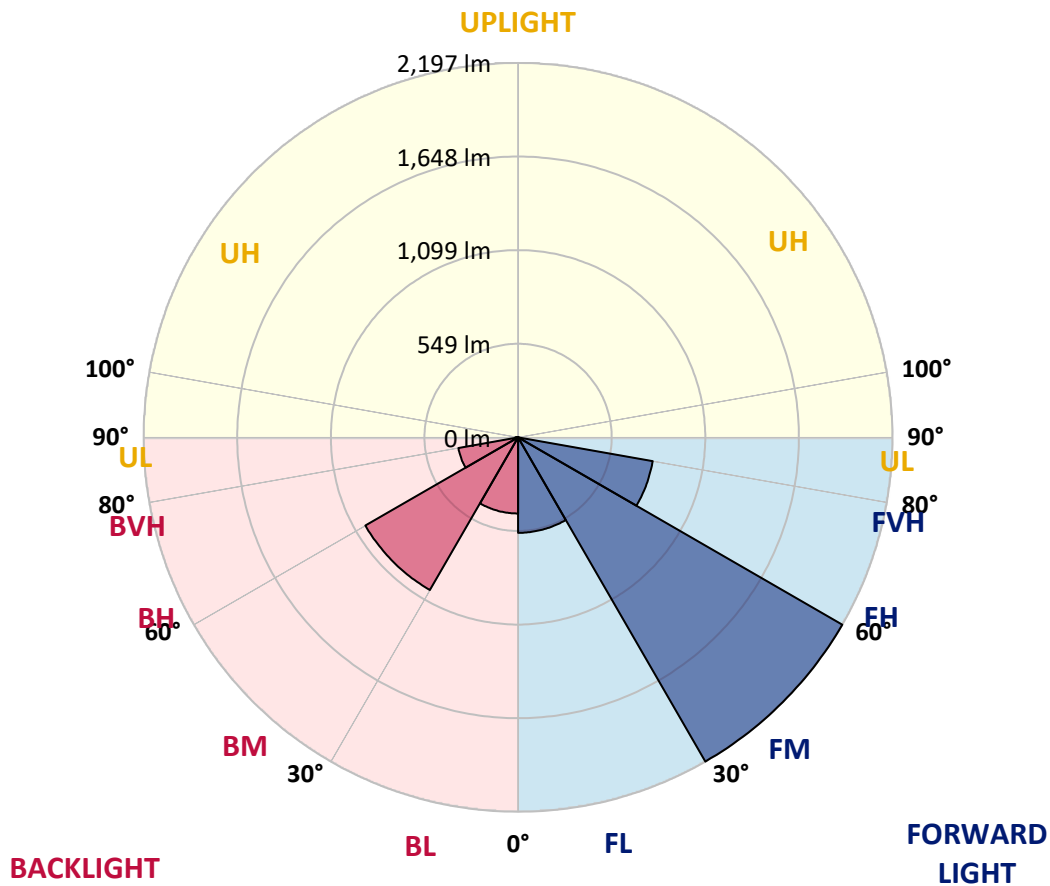
CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 560.3 | 10.3 | | | |
| FM (30°-60°) | 2197.1 | 40.5 | | | |
| FH (60°-80°) | 802.3 | 14.8 | | | G1/1800 |
| FVH (80°-90°) | 5.9 | 0.1 | | | G0/10 |
| BL (0°-30°) | 446.9 | 8.2 | B1/500 | | |
| BM (30°-60°) | 1034.7 | 19.1 | B2/2500 | | |
| BH (60°-80°) | 355.7 | 6.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 16.7 | 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: P631935

CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 |
| 2.5° | 1156.4 | 1153.9 | 1151.5 | 1132.0 | 1127.0 | 1113.0 | 1103.0 | 1090.6 | 1072.6 | 1062.6 | 1054.1 |
| 5° | 1228.8 | 1224.8 | 1211.3 | 1171.4 | 1145.5 | 1117.0 | 1093.6 | 1067.6 | 1040.1 | 1022.2 | 1008.2 |
| 7.5° | 1297.2 | 1296.2 | 1273.2 | 1207.4 | 1165.4 | 1124.5 | 1092.6 | 1054.6 | 1015.2 | 988.2 | 970.3 |
| 10° | 1360.6 | 1353.1 | 1325.6 | 1239.8 | 1184.9 | 1138.0 | 1103.5 | 1061.6 | 1015.7 | 979.3 | 955.3 |
| 12.5° | 1416.5 | 1407.0 | 1369.1 | 1269.7 | 1201.9 | 1144.0 | 1106.5 | 1072.1 | 1041.6 | 1011.2 | 983.7 |
| 15° | 1462.4 | 1450.9 | 1412.5 | 1297.7 | 1216.8 | 1140.5 | 1088.1 | 1061.1 | 1071.6 | 1085.1 | 1054.6 |
| 17.5° | 1505.3 | 1493.3 | 1446.4 | 1318.2 | 1221.3 | 1119.0 | 1042.6 | 1031.2 | 1084.1 | 1145.5 | 1131.5 |
| 20° | 1541.3 | 1527.8 | 1473.4 | 1328.1 | 1213.3 | 1078.1 | 983.7 | 1003.7 | 1073.6 | 1147.0 | 1169.4 |
| 22.5° | 1580.2 | 1569.2 | 1503.8 | 1342.6 | 1203.4 | 1021.7 | 934.3 | 983.3 | 1055.6 | 1120.0 | 1153.9 |
| 25° | 1642.6 | 1629.1 | 1551.2 | 1368.1 | 1198.4 | 968.8 | 898.9 | 963.3 | 1030.7 | 1089.1 | 1115.5 |
| 27.5° | 1732.9 | 1708.0 | 1616.1 | 1412.5 | 1203.9 | 918.9 | 876.4 | 938.8 | 1001.7 | 1051.6 | 1073.1 |
| 30° | 1831.2 | 1801.3 | 1688.0 | 1458.4 | 1211.8 | 888.4 | 864.5 | 910.9 | 957.3 | 1007.2 | 1030.7 |
| 32.5° | 1947.5 | 1921.1 | 1764.9 | 1492.8 | 1194.9 | 874.4 | 855.5 | 880.4 | 917.4 | 957.3 | 976.8 |
| 35° | 2086.3 | 2038.9 | 1848.7 | 1520.8 | 1140.0 | 854.0 | 847.5 | 847.0 | 866.5 | 905.4 | 927.4 |
| 37.5° | 2235.5 | 2184.6 | 1952.0 | 1550.7 | 1054.6 | 821.5 | 828.5 | 807.6 | 825.5 | 856.5 | 881.4 |
| 40° | 2357.8 | 2304.4 | 2056.3 | 1591.7 | 947.8 | 770.6 | 786.6 | 764.1 | 775.1 | 807.1 | 835.0 |
| 42.5° | 2477.6 | 2420.7 | 2153.7 | 1638.1 | 844.5 | 720.7 | 728.7 | 720.2 | 723.7 | 757.2 | 796.1 |
| 45° | 2634.8 | 2570.9 | 2273.5 | 1671.0 | 751.7 | 681.3 | 673.8 | 659.3 | 677.8 | 721.2 | 762.6 |
| 47.5° | 2897.3 | 2821.0 | 2469.6 | 1692.5 | 684.3 | 658.8 | 624.4 | 615.9 | 638.9 | 687.3 | 730.2 |
| 50° | 3204.3 | 3138.4 | 2783.0 | 1691.5 | 633.9 | 639.9 | 576.5 | 569.0 | 606.9 | 655.8 | 701.3 |
| 52.5° | 3455.9 | 3389.0 | 3051.1 | 1641.6 | 592.4 | 599.4 | 548.5 | 527.6 | 579.5 | 624.9 | 670.3 |
| 55° | 3659.0 | 3583.6 | 3174.4 | 1433.0 | 540.0 | 535.0 | 518.1 | 479.6 | 545.0 | 593.9 | 636.4 |
| 57.5° | 3549.7 | 3459.8 | 3025.1 | 1089.6 | 486.1 | 454.7 | 465.7 | 437.2 | 498.1 | 559.5 | 600.4 |
| 60° | 2976.2 | 2895.3 | 2457.6 | 580.0 | 427.7 | 379.8 | 402.8 | 407.3 | 446.7 | 518.1 | 560.0 |
| 62.5° | 2044.4 | 1985.5 | 1665.5 | 351.9 | 337.4 | 305.0 | 340.9 | 373.3 | 402.8 | 463.2 | 499.6 |
| 65° | 1000.2 | 982.8 | 833.0 | 225.6 | 236.1 | 246.6 | 282.5 | 321.9 | 365.4 | 418.3 | 456.7 |
| 67.5° | 275.5 | 277.5 | 252.6 | 176.2 | 186.2 | 215.1 | 243.6 | 275.0 | 318.4 | 367.3 | 406.3 |
| 70° | 121.3 | 123.3 | 127.3 | 135.8 | 154.7 | 181.2 | 210.6 | 243.1 | 283.0 | 323.9 | 361.4 |
| 72.5° | 84.3 | 86.3 | 92.3 | 103.3 | 120.3 | 145.2 | 173.2 | 204.1 | 245.6 | 280.0 | 310.9 |
| 75° | 51.9 | 53.4 | 58.9 | 68.4 | 79.9 | 98.8 | 126.3 | 154.7 | 191.2 | 222.6 | 250.1 |
| 77.5° | 27.5 | 26.5 | 29.9 | 36.4 | 46.4 | 56.4 | 74.9 | 92.8 | 118.8 | 144.2 | 167.2 |
| 80° | 15.0 | 14.5 | 16.5 | 20.0 | 23.0 | 30.9 | 43.4 | 55.4 | 70.4 | 84.8 | 97.3 |
| 82.5° | 6.5 | 6.0 | 6.5 | 8.5 | 10.5 | 15.0 | 22.0 | 30.4 | 38.9 | 48.9 | 56.9 |
| 85° | 0.0 | 0.0 | 0.0 | 0.5 | 2.5 | 4.0 | 7.5 | 11.0 | 16.0 | 22.0 | 27.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 4.5 |
| 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: P631935

CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 |
| 2.5° | 1049.1 | 1036.7 | 1035.7 | 1025.7 | 1026.7 | 1027.2 | 1017.2 | 1013.2 | 1016.7 | 1020.7 | 1018.7 |
| 5° | 1003.2 | 990.2 | 984.7 | 975.3 | 974.3 | 969.8 | 965.8 | 960.8 | 964.3 | 967.8 | 969.8 |
| 7.5° | 963.3 | 954.8 | 951.3 | 948.8 | 949.8 | 947.8 | 939.8 | 935.3 | 934.8 | 936.3 | 938.3 |
| 10° | 950.3 | 943.3 | 947.8 | 954.8 | 959.8 | 963.3 | 954.8 | 947.3 | 940.3 | 937.3 | 937.3 |
| 12.5° | 978.3 | 969.3 | 978.3 | 985.7 | 995.7 | 998.2 | 988.7 | 980.8 | 978.3 | 981.3 | 987.2 |
| 15° | 1040.1 | 1019.2 | 1018.7 | 1023.2 | 1031.2 | 1035.2 | 1026.2 | 1022.2 | 1022.2 | 1041.1 | 1056.1 |
| 17.5° | 1102.0 | 1067.6 | 1053.1 | 1050.6 | 1055.6 | 1057.1 | 1049.6 | 1046.1 | 1055.1 | 1092.1 | 1120.0 |
| 20° | 1145.5 | 1103.5 | 1072.1 | 1066.1 | 1067.6 | 1068.1 | 1062.1 | 1059.6 | 1072.6 | 1117.5 | 1141.0 |
| 22.5° | 1141.0 | 1110.0 | 1071.6 | 1064.1 | 1066.6 | 1065.6 | 1060.1 | 1059.1 | 1069.6 | 1108.5 | 1119.5 |
| 25° | 1110.0 | 1086.1 | 1053.6 | 1048.6 | 1052.6 | 1052.1 | 1046.6 | 1044.1 | 1048.6 | 1074.6 | 1075.6 |
| 27.5° | 1074.6 | 1053.6 | 1025.7 | 1024.2 | 1030.7 | 1034.2 | 1024.7 | 1017.2 | 1015.7 | 1033.2 | 1029.2 |
| 30° | 1032.2 | 1016.7 | 994.2 | 995.2 | 1007.2 | 1009.2 | 997.7 | 986.7 | 983.7 | 993.2 | 987.7 |
| 32.5° | 981.8 | 976.8 | 964.8 | 967.3 | 978.8 | 982.8 | 970.8 | 959.3 | 955.8 | 958.8 | 947.3 |
| 35° | 938.8 | 936.8 | 937.8 | 942.3 | 952.3 | 955.3 | 945.3 | 936.3 | 931.3 | 920.9 | 905.9 |
| 37.5° | 894.4 | 899.9 | 914.4 | 922.9 | 928.3 | 927.4 | 921.9 | 915.4 | 907.4 | 887.9 | 869.5 |
| 40° | 853.0 | 867.0 | 892.9 | 902.4 | 904.4 | 904.9 | 900.9 | 895.4 | 885.4 | 859.5 | 838.5 |
| 42.5° | 821.0 | 836.5 | 871.0 | 885.4 | 886.4 | 887.4 | 883.4 | 878.9 | 865.0 | 830.5 | 810.1 |
| 45° | 787.6 | 808.1 | 848.5 | 866.0 | 865.0 | 864.5 | 861.0 | 859.0 | 842.5 | 802.6 | 780.1 |
| 47.5° | 759.1 | 783.1 | 826.5 | 841.5 | 841.0 | 840.5 | 838.0 | 838.0 | 821.5 | 778.1 | 752.7 |
| 50° | 731.2 | 758.7 | 804.1 | 816.5 | 817.5 | 816.5 | 815.5 | 817.0 | 797.6 | 751.2 | 726.2 |
| 52.5° | 700.8 | 731.7 | 779.1 | 790.6 | 796.6 | 799.1 | 799.1 | 795.6 | 772.6 | 724.2 | 696.8 |
| 55° | 667.3 | 696.8 | 751.7 | 767.1 | 772.1 | 776.6 | 776.6 | 769.6 | 748.2 | 699.3 | 669.8 |
| 57.5° | 625.9 | 651.8 | 695.3 | 710.7 | 722.7 | 725.7 | 725.7 | 714.2 | 696.8 | 649.8 | 625.9 |
| 60° | 581.0 | 603.4 | 632.9 | 649.3 | 658.3 | 652.3 | 656.8 | 653.8 | 639.9 | 596.4 | 576.5 |
| 62.5° | 521.1 | 544.0 | 576.5 | 593.4 | 597.4 | 591.4 | 597.4 | 596.9 | 578.0 | 539.0 | 515.1 |
| 65° | 478.1 | 500.6 | 532.6 | 554.5 | 561.0 | 559.5 | 563.5 | 557.5 | 534.0 | 497.1 | 474.2 |
| 67.5° | 427.2 | 451.2 | 488.1 | 512.6 | 526.1 | 527.6 | 533.1 | 520.6 | 496.6 | 456.2 | 427.2 |
| 70° | 378.8 | 399.3 | 427.7 | 450.7 | 469.7 | 479.1 | 480.1 | 462.2 | 432.2 | 398.8 | 377.8 |
| 72.5° | 327.9 | 348.9 | 383.3 | 408.3 | 432.2 | 443.2 | 443.2 | 421.3 | 388.8 | 351.9 | 329.4 |
| 75° | 266.0 | 285.5 | 316.9 | 343.9 | 371.3 | 385.3 | 384.8 | 365.8 | 329.9 | 295.0 | 271.5 |
| 77.5° | 180.2 | 194.7 | 214.6 | 235.1 | 239.1 | 250.1 | 255.5 | 231.6 | 211.6 | 192.7 | 171.7 |
| 80° | 104.8 | 113.8 | 124.8 | 136.3 | 138.8 | 142.2 | 133.3 | 124.3 | 113.8 | 101.3 | 91.8 |
| 82.5° | 61.4 | 67.4 | 72.9 | 81.9 | 83.4 | 84.3 | 76.4 | 72.4 | 63.9 | 56.4 | 50.4 |
| 85° | 29.9 | 31.9 | 36.9 | 41.4 | 39.4 | 38.4 | 34.9 | 30.9 | 27.5 | 24.5 | 21.5 |
| 87.5° | 6.0 | 6.0 | 9.0 | 8.5 | 7.0 | 6.0 | 3.5 | 4.5 | 1.0 | 1.0 | 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: P631935

CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 |
| 2.5° | 1025.2 | 1033.7 | 1044.1 | 1058.1 | 1074.1 | 1091.1 | 1107.5 | 1120.0 | 1132.5 | 1151.0 | 1148.0 |
| 5° | 972.8 | 987.2 | 1003.7 | 1025.2 | 1051.1 | 1080.6 | 1113.5 | 1146.5 | 1181.9 | 1211.8 | 1224.8 |
| 7.5° | 942.3 | 958.3 | 977.8 | 1005.7 | 1039.2 | 1075.1 | 1121.5 | 1174.9 | 1232.3 | 1271.7 | 1296.2 |
| 10° | 942.3 | 962.8 | 988.2 | 1015.2 | 1044.6 | 1081.6 | 1139.0 | 1205.9 | 1279.7 | 1331.6 | 1360.1 |
| 12.5° | 996.7 | 1017.2 | 1022.7 | 1021.7 | 1038.2 | 1079.1 | 1152.9 | 1238.3 | 1326.6 | 1381.5 | 1416.5 |
| 15° | 1081.6 | 1088.6 | 1047.1 | 1009.2 | 1011.7 | 1061.1 | 1159.4 | 1264.3 | 1367.1 | 1433.0 | 1470.9 |
| 17.5° | 1138.5 | 1120.0 | 1046.1 | 979.8 | 965.8 | 1030.7 | 1159.4 | 1289.2 | 1410.0 | 1484.4 | 1519.8 |
| 20° | 1143.0 | 1097.0 | 1020.7 | 951.3 | 915.4 | 990.2 | 1151.5 | 1308.2 | 1451.4 | 1533.8 | 1571.7 |
| 22.5° | 1103.5 | 1058.1 | 993.7 | 926.9 | 873.9 | 941.3 | 1138.5 | 1322.6 | 1486.9 | 1580.2 | 1627.1 |
| 25° | 1058.6 | 1020.7 | 966.3 | 901.9 | 845.5 | 891.9 | 1126.5 | 1347.1 | 1536.3 | 1643.1 | 1690.5 |
| 27.5° | 1014.7 | 982.8 | 933.3 | 880.9 | 829.5 | 849.0 | 1119.0 | 1383.0 | 1595.2 | 1732.4 | 1773.3 |
| 30° | 971.8 | 942.8 | 897.9 | 861.0 | 821.0 | 821.0 | 1112.5 | 1424.5 | 1673.0 | 1832.7 | 1873.7 |
| 32.5° | 928.3 | 900.9 | 864.5 | 841.5 | 816.0 | 810.1 | 1094.6 | 1463.4 | 1753.4 | 1942.5 | 1984.5 |
| 35° | 887.9 | 860.5 | 832.5 | 823.0 | 813.6 | 801.6 | 1050.1 | 1493.8 | 1831.7 | 2070.8 | 2106.8 |
| 37.5° | 850.0 | 823.5 | 802.6 | 800.1 | 801.1 | 778.6 | 980.3 | 1519.3 | 1929.6 | 2202.1 | 2221.0 |
| 40° | 817.0 | 787.6 | 771.1 | 770.6 | 775.6 | 741.7 | 891.9 | 1555.7 | 2041.4 | 2313.4 | 2305.4 |
| 42.5° | 787.6 | 756.7 | 736.7 | 741.2 | 738.2 | 704.7 | 805.6 | 1589.2 | 2138.7 | 2417.7 | 2401.7 |
| 45° | 758.7 | 728.7 | 700.8 | 707.2 | 703.7 | 681.8 | 732.2 | 1613.6 | 2246.5 | 2543.0 | 2545.0 |
| 47.5° | 730.7 | 701.3 | 673.3 | 665.3 | 664.8 | 674.8 | 675.8 | 1621.6 | 2422.2 | 2744.6 | 2699.2 |
| 50° | 704.7 | 675.3 | 646.4 | 619.4 | 629.9 | 660.8 | 633.9 | 1615.6 | 2685.2 | 2967.2 | 2840.4 |
| 52.5° | 677.8 | 649.8 | 617.9 | 569.5 | 596.9 | 627.4 | 596.4 | 1594.2 | 2845.9 | 3163.9 | 3088.0 |
| 55° | 646.8 | 620.4 | 577.0 | 518.1 | 551.5 | 558.0 | 558.0 | 1386.5 | 2914.3 | 3358.5 | 3405.4 |
| 57.5° | 605.4 | 570.5 | 501.6 | 454.2 | 484.1 | 459.2 | 517.1 | 970.3 | 2801.5 | 3297.1 | 3479.3 |
| 60° | 558.5 | 521.1 | 448.2 | 414.3 | 423.2 | 379.3 | 440.7 | 608.4 | 2321.9 | 2805.5 | 3120.9 |
| 62.5° | 496.6 | 462.2 | 401.8 | 375.3 | 356.9 | 309.4 | 354.9 | 384.8 | 1591.7 | 2083.3 | 2298.4 |
| 65° | 455.2 | 417.3 | 363.4 | 328.4 | 290.5 | 249.1 | 235.6 | 252.6 | 856.0 | 1165.9 | 1311.2 |
| 67.5° | 406.3 | 368.8 | 317.9 | 274.0 | 243.6 | 213.6 | 190.2 | 184.2 | 293.5 | 388.3 | 420.3 |
| 70° | 359.9 | 323.9 | 281.5 | 240.6 | 210.1 | 180.7 | 157.7 | 141.2 | 135.8 | 134.8 | 132.8 |
| 72.5° | 312.4 | 279.0 | 243.6 | 205.6 | 172.2 | 145.2 | 124.8 | 105.8 | 97.8 | 95.3 | 92.8 |
| 75° | 256.0 | 229.6 | 194.2 | 153.2 | 126.3 | 101.3 | 85.3 | 72.9 | 65.9 | 63.4 | 60.4 |
| 77.5° | 164.7 | 152.7 | 121.8 | 98.8 | 76.4 | 60.4 | 51.9 | 43.9 | 39.4 | 38.4 | 35.9 |
| 80° | 87.8 | 81.9 | 67.4 | 56.9 | 45.4 | 36.9 | 32.4 | 28.0 | 25.5 | 24.5 | 23.5 |
| 82.5° | 48.9 | 44.4 | 37.4 | 32.9 | 26.5 | 22.5 | 20.0 | 18.0 | 16.5 | 16.0 | 15.5 |
| 85° | 22.0 | 19.0 | 15.0 | 14.0 | 12.5 | 11.5 | 11.0 | 10.0 | 9.5 | 9.0 | 8.5 |
| 87.5° | 1.0 | 2.0 | 2.5 | 2.0 | 2.0 | 3.0 | 3.5 | 3.5 | 3.0 | 3.0 | 2.5 |
| 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: P631935

CATALOG NUMBER: GWS-SA2B-760-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 |
| 2.5° | 1166.4 | 1181.4 | 1182.9 | 1187.9 | 1181.4 | 1179.9 | 1169.4 | 1163.4 | 1157.9 | 1156.4 |
| 5° | 1257.3 | 1287.2 | 1299.2 | 1307.7 | 1299.7 | 1295.7 | 1272.7 | 1248.8 | 1235.3 | 1228.8 |
| 7.5° | 1350.6 | 1395.5 | 1419.0 | 1429.5 | 1430.5 | 1412.5 | 1373.1 | 1328.1 | 1305.7 | 1297.2 |
| 10° | 1433.9 | 1489.4 | 1520.3 | 1540.3 | 1533.3 | 1511.3 | 1457.4 | 1396.5 | 1368.1 | 1360.6 |
| 12.5° | 1495.8 | 1548.7 | 1572.7 | 1585.7 | 1585.2 | 1573.2 | 1522.3 | 1456.4 | 1424.0 | 1416.5 |
| 15° | 1535.8 | 1567.2 | 1568.7 | 1571.7 | 1580.2 | 1596.2 | 1569.7 | 1508.8 | 1472.9 | 1462.4 |
| 17.5° | 1567.2 | 1554.7 | 1531.3 | 1523.3 | 1542.3 | 1586.7 | 1602.6 | 1553.2 | 1514.3 | 1505.3 |
| 20° | 1587.2 | 1524.3 | 1482.9 | 1467.4 | 1489.4 | 1561.7 | 1622.6 | 1593.2 | 1552.7 | 1541.3 |
| 22.5° | 1602.6 | 1495.8 | 1429.0 | 1418.5 | 1441.4 | 1534.8 | 1643.1 | 1640.6 | 1596.2 | 1580.2 |
| 25° | 1627.1 | 1476.9 | 1391.0 | 1383.5 | 1405.0 | 1521.8 | 1670.5 | 1705.0 | 1665.5 | 1642.6 |
| 27.5° | 1665.5 | 1474.9 | 1371.6 | 1369.1 | 1398.5 | 1533.3 | 1710.0 | 1799.3 | 1749.9 | 1732.9 |
| 30° | 1718.9 | 1493.8 | 1376.1 | 1381.0 | 1417.0 | 1574.7 | 1771.3 | 1907.1 | 1857.7 | 1831.2 |
| 32.5° | 1795.8 | 1544.8 | 1444.4 | 1465.9 | 1492.3 | 1641.1 | 1861.2 | 2023.9 | 1986.5 | 1947.5 |
| 35° | 1897.1 | 1684.5 | 1646.6 | 1737.9 | 1713.0 | 1786.3 | 1969.5 | 2165.6 | 2120.2 | 2086.3 |
| 37.5° | 2032.4 | 1971.0 | 2005.9 | 2131.7 | 2071.3 | 2060.8 | 2101.8 | 2294.4 | 2269.5 | 2235.5 |
| 40° | 2222.0 | 2234.5 | 2298.9 | 2464.1 | 2376.8 | 2309.4 | 2264.0 | 2391.2 | 2399.7 | 2357.8 |
| 42.5° | 2347.8 | 2405.2 | 2560.4 | 2748.1 | 2627.8 | 2466.6 | 2399.7 | 2515.0 | 2515.5 | 2477.6 |
| 45° | 2394.7 | 2545.0 | 2869.4 | 3085.5 | 2884.4 | 2556.5 | 2474.6 | 2683.2 | 2678.2 | 2634.8 |
| 47.5° | 2377.8 | 2662.8 | 3190.3 | 3520.7 | 3213.8 | 2620.3 | 2464.1 | 2922.8 | 2963.2 | 2897.3 |
| 50° | 2342.3 | 2781.1 | 3565.2 | 4053.8 | 3618.1 | 2688.2 | 2448.1 | 3188.3 | 3255.2 | 3204.3 |
| 52.5° | 2378.3 | 2912.8 | 4008.4 | 4604.8 | 4125.2 | 2796.5 | 2556.0 | 3529.2 | 3517.2 | 3455.9 |
| 55° | 2492.1 | 3068.5 | 4546.9 | 5297.1 | 4682.2 | 2979.7 | 2833.0 | 3854.1 | 3732.4 | 3659.0 |
| 57.5° | 2486.6 | 3179.8 | 5019.1 | 5844.6 | 5166.8 | 3129.9 | 2929.3 | 3888.6 | 3642.5 | 3549.7 |
| 60° | 2257.0 | 3128.9 | 5198.8 | 6191.0 | 5313.0 | 3047.1 | 2612.4 | 3473.3 | 3073.5 | 2976.2 |
| 62.5° | 1684.5 | 2776.6 | 4850.4 | 5757.3 | 4899.3 | 2631.8 | 1964.5 | 2493.1 | 2208.6 | 2044.4 |
| 65° | 1077.6 | 2172.1 | 4077.7 | 4664.2 | 4038.3 | 2012.9 | 1169.9 | 1336.6 | 1047.1 | 1000.2 |
| 67.5° | 458.7 | 1533.3 | 3169.9 | 3117.5 | 3021.1 | 1304.2 | 451.7 | 376.3 | 280.5 | 275.5 |
| 70° | 151.7 | 1043.1 | 1954.0 | 2079.3 | 1804.3 | 898.4 | 149.2 | 126.3 | 125.8 | 121.3 |
| 72.5° | 99.3 | 560.0 | 1100.0 | 1224.8 | 1160.9 | 517.1 | 90.3 | 84.3 | 86.3 | 84.3 |
| 75° | 59.4 | 121.8 | 185.2 | 240.6 | 185.2 | 86.8 | 54.4 | 53.4 | 54.4 | 51.9 |
| 77.5° | 34.9 | 33.9 | 32.9 | 32.9 | 32.4 | 29.9 | 27.5 | 26.5 | 27.0 | 27.5 |
| 80° | 22.5 | 21.5 | 20.5 | 20.0 | 17.5 | 16.5 | 15.5 | 14.5 | 14.5 | 15.0 |
| 82.5° | 14.5 | 13.5 | 12.5 | 11.0 | 9.0 | 7.5 | 7.0 | 6.0 | 6.0 | 6.5 |
| 85° | 7.5 | 6.0 | 4.5 | 3.5 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.5 | 0.0 | 0.0 | 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)