

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: P628917

Luminaire Tested: GWS-SA1A-750-U-SLR-W-HSS

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P628917
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-44)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1A-750-U-SLR-W-HSS
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1805.3 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

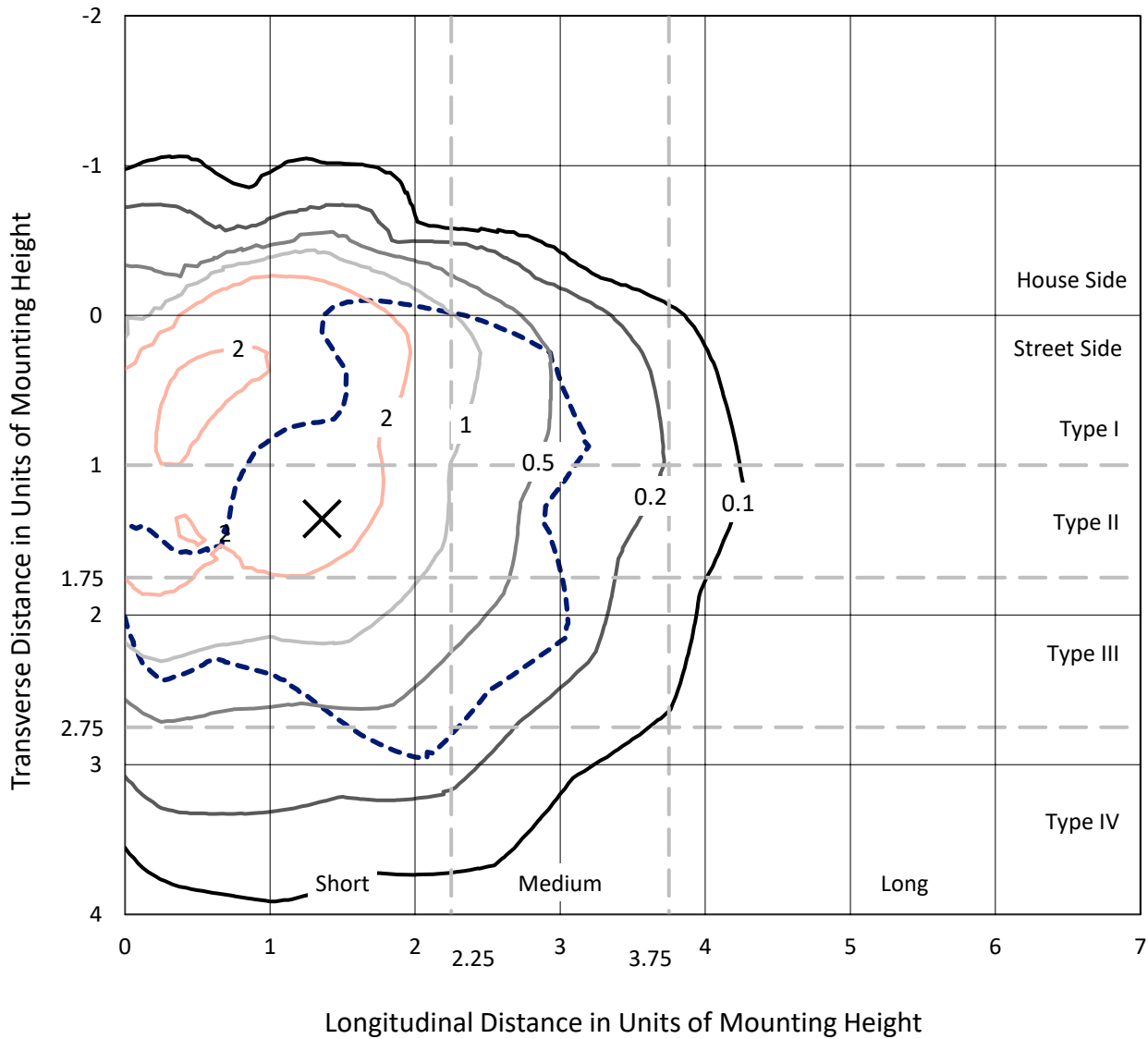
Input Watts (W): 19.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

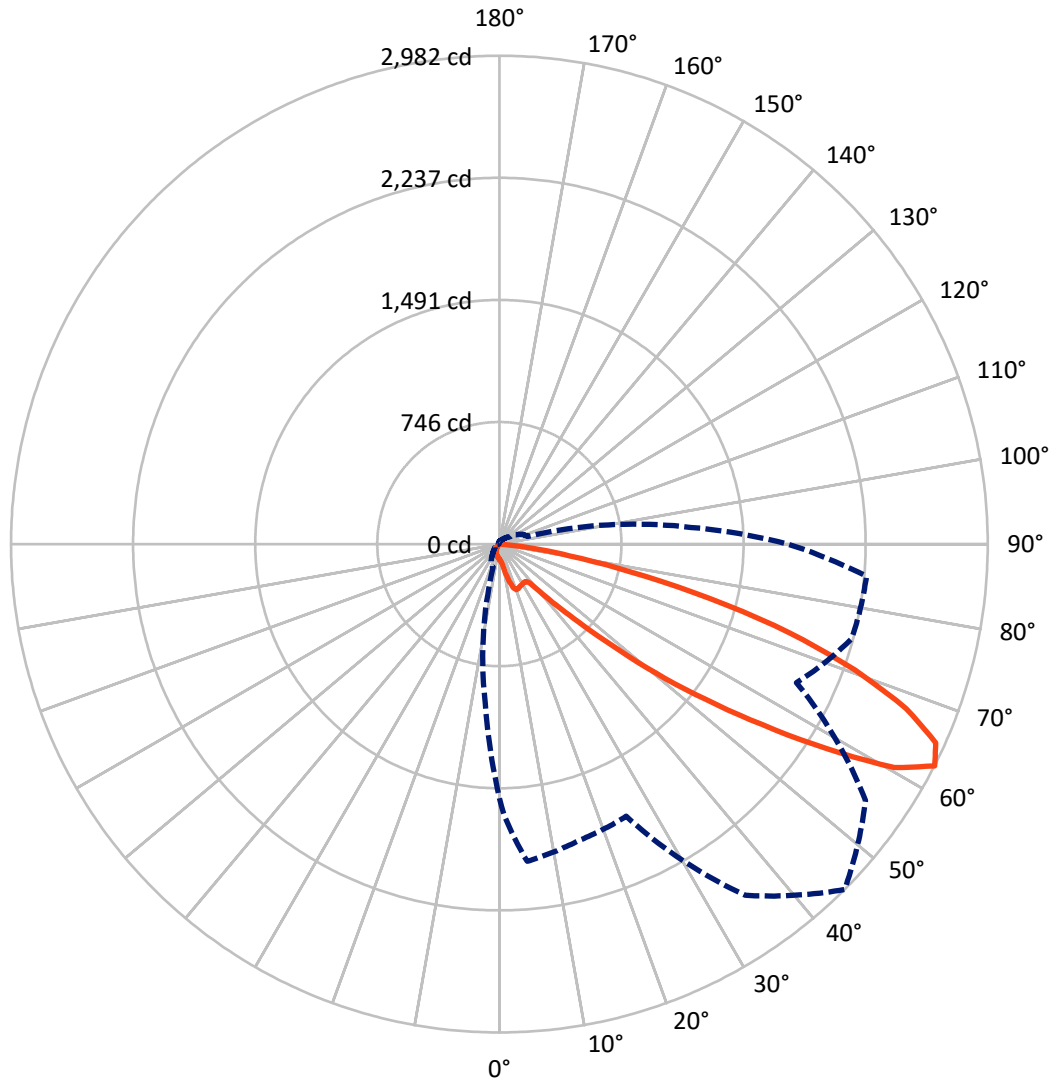
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 222.8 | 0.0 | 222.8 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 1582.5 | 0.0 | 1582.5 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 1805.3 | 0.0 | 1805.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.3 | 0.5 |
| 10°-20° | 31.5 | 1.7 |
| 20°-30° | 68.4 | 3.8 |
| 30°-40° | 112.3 | 6.2 |
| 40°-50° | 206.4 | 11.4 |
| 50°-60° | 443.4 | 24.6 |
| 60°-70° | 595.5 | 33.0 |
| 70°-80° | 310.1 | 17.2 |
| 80°-90° | 29.4 | 1.6 |
| 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° | 1805.3 | 100.0 |
| 0°-180° | 1805.3 | 100.0 |

Coefficient of Utilization



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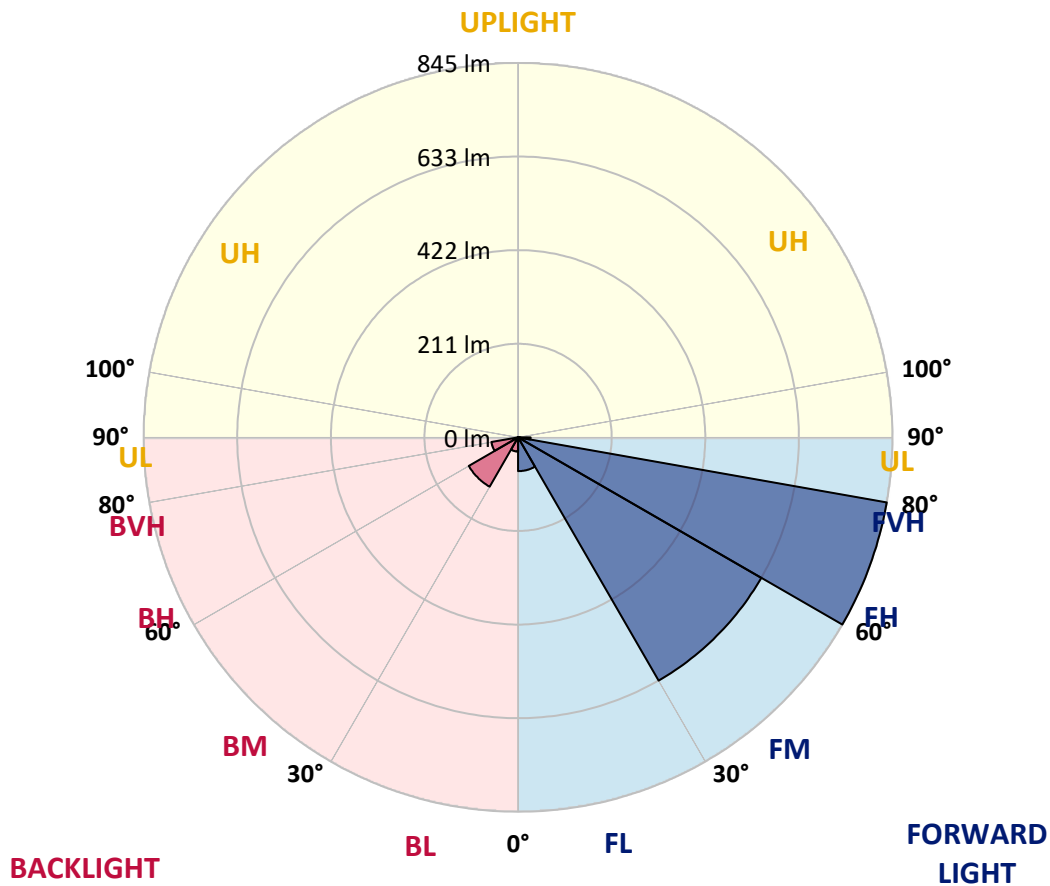
CATALOG NUMBER: GWS-SA1A-750-U-SLR-W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 76.3 | 4.2 | | | |
| FM (30°-60°) | 633.6 | 35.1 | | | |
| FH (60°-80°) | 844.5 | 46.8 | | | G1/1800 |
| FVH (80°-90°) | 28.1 | 1.6 | | | G1/100 |
| BL (0°-30°) | 32.0 | 1.8 | B0/110 | | |
| BM (30°-60°) | 128.5 | 7.1 | B0/220 | | |
| BH (60°-80°) | 61.0 | 3.4 | B0/110 | | G0/110 |
| BVH (80°-90°) | 1.3 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 2.5° | 95.7 | 96.1 | 96.5 | 98.0 | 99.1 | 99.9 | 100.1 | 99.5 | 98.0 | 96.5 | 94.5 |
| 5° | 92.8 | 93.2 | 94.7 | 98.6 | 102.6 | 105.7 | 106.8 | 106.1 | 102.6 | 98.0 | 93.2 |
| 7.5° | 92.6 | 93.4 | 97.0 | 105.3 | 113.9 | 120.3 | 122.0 | 120.5 | 113.9 | 104.7 | 94.9 |
| 10° | 100.1 | 101.6 | 106.8 | 121.8 | 137.4 | 148.9 | 153.5 | 147.2 | 136.6 | 119.9 | 103.8 |
| 12.5° | 119.7 | 122.2 | 132.2 | 154.1 | 178.3 | 193.5 | 199.8 | 192.1 | 175.4 | 151.2 | 125.7 |
| 15° | 150.6 | 154.3 | 169.3 | 202.1 | 230.6 | 244.2 | 246.3 | 241.9 | 222.5 | 195.8 | 161.6 |
| 17.5° | 194.1 | 199.6 | 222.9 | 256.3 | 276.9 | 281.7 | 281.1 | 276.5 | 262.3 | 244.0 | 211.7 |
| 20° | 246.3 | 252.7 | 275.7 | 303.2 | 305.3 | 299.7 | 296.5 | 293.8 | 289.0 | 285.9 | 260.7 |
| 22.5° | 298.8 | 306.7 | 330.7 | 337.6 | 318.8 | 302.6 | 294.9 | 296.9 | 304.0 | 319.5 | 309.2 |
| 25° | 351.2 | 358.7 | 381.2 | 362.6 | 325.1 | 298.0 | 288.2 | 293.2 | 310.1 | 343.4 | 356.6 |
| 27.5° | 412.3 | 417.9 | 431.2 | 379.7 | 326.1 | 294.2 | 284.6 | 292.4 | 313.0 | 358.5 | 408.5 |
| 30° | 475.9 | 479.2 | 472.7 | 384.3 | 322.6 | 288.6 | 281.1 | 292.4 | 318.0 | 368.5 | 447.5 |
| 32.5° | 522.6 | 523.2 | 502.1 | 384.7 | 320.7 | 284.0 | 277.8 | 291.1 | 322.8 | 376.8 | 485.2 |
| 35° | 570.7 | 567.6 | 530.3 | 391.0 | 325.7 | 285.7 | 280.3 | 294.7 | 330.3 | 386.6 | 518.4 |
| 37.5° | 619.5 | 613.9 | 561.8 | 401.2 | 338.7 | 303.8 | 300.5 | 312.8 | 342.4 | 400.2 | 554.9 |
| 40° | 669.6 | 661.9 | 594.5 | 416.6 | 367.4 | 365.6 | 377.0 | 375.6 | 375.6 | 417.5 | 592.4 |
| 42.5° | 730.7 | 721.7 | 642.9 | 460.2 | 434.6 | 476.5 | 507.8 | 488.4 | 452.5 | 457.3 | 641.2 |
| 45° | 811.4 | 803.7 | 726.7 | 543.6 | 539.9 | 636.2 | 678.3 | 640.0 | 550.7 | 549.3 | 722.8 |
| 47.5° | 940.5 | 939.0 | 860.4 | 640.4 | 668.8 | 839.5 | 920.9 | 847.0 | 662.7 | 646.6 | 877.1 |
| 50° | 1121.9 | 1117.5 | 1027.0 | 753.8 | 822.0 | 1091.4 | 1236.6 | 1113.5 | 798.0 | 760.3 | 1083.7 |
| 52.5° | 1326.2 | 1330.8 | 1260.3 | 877.7 | 984.9 | 1371.7 | 1573.8 | 1418.8 | 945.1 | 904.8 | 1343.8 |
| 55° | 1518.7 | 1545.0 | 1526.4 | 1022.6 | 1144.0 | 1681.2 | 1944.1 | 1753.7 | 1127.1 | 1093.9 | 1635.3 |
| 57.5° | 1669.3 | 1743.3 | 1873.4 | 1233.2 | 1331.0 | 2043.2 | 2357.6 | 2116.8 | 1339.6 | 1401.1 | 2032.1 |
| 60° | 1677.6 | 1775.6 | 2077.8 | 1673.9 | 1571.7 | 2353.7 | 2770.5 | 2471.5 | 1673.6 | 1922.6 | 2343.0 |
| 62.5° | 1551.9 | 1657.0 | 1944.7 | 1874.0 | 1833.8 | 2617.9 | 2982.4 | 2730.1 | 2002.3 | 2228.1 | 2250.9 |
| 65° | 1408.0 | 1514.1 | 1796.3 | 1647.0 | 1803.4 | 2606.6 | 2928.6 | 2736.1 | 2032.1 | 2020.4 | 2085.9 |
| 67.5° | 1190.5 | 1285.8 | 1541.2 | 1457.8 | 1662.2 | 2480.9 | 2680.0 | 2563.6 | 1872.2 | 1889.7 | 1918.9 |
| 70° | 868.9 | 960.7 | 1197.8 | 1202.0 | 1451.6 | 2254.2 | 2302.8 | 2286.7 | 1724.1 | 1742.7 | 1659.3 |
| 72.5° | 627.7 | 705.0 | 909.6 | 985.7 | 1158.8 | 1890.3 | 1856.7 | 1918.7 | 1479.3 | 1552.1 | 1332.7 |
| 75° | 451.3 | 509.2 | 667.3 | 857.5 | 918.6 | 1403.8 | 1329.2 | 1486.0 | 1186.9 | 1336.5 | 1002.0 |
| 77.5° | 183.1 | 203.5 | 262.5 | 577.6 | 603.7 | 944.4 | 813.7 | 1079.3 | 846.2 | 878.1 | 485.7 |
| 80° | 7.5 | 8.3 | 10.8 | 298.2 | 413.9 | 531.3 | 435.4 | 577.0 | 558.9 | 353.7 | 114.7 |
| 82.5° | 0.8 | 0.8 | 1.9 | 85.9 | 181.2 | 293.2 | 205.2 | 332.4 | 283.0 | 149.9 | 52.1 |
| 85° | 0.2 | 0.2 | 0.4 | 9.8 | 42.5 | 46.9 | 27.7 | 102.0 | 131.6 | 61.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.9 | 2.1 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|-------|-------|------|------|------|------|------|------|------|
| 0° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 2.5° | 94.5 | 93.4 | 92.2 | 90.9 | 90.3 | 88.6 | 88.0 | 87.6 | 87.2 | 87.4 | 87.4 |
| 5° | 91.3 | 89.0 | 86.3 | 83.6 | 82.2 | 80.5 | 79.7 | 79.2 | 79.4 | 80.3 | 80.3 |
| 7.5° | 90.9 | 86.5 | 80.7 | 77.2 | 75.5 | 74.2 | 73.4 | 73.0 | 73.2 | 74.2 | 74.7 |
| 10° | 97.8 | 90.1 | 79.7 | 73.6 | 71.7 | 70.5 | 69.6 | 69.0 | 68.6 | 69.4 | 69.6 |
| 12.5° | 112.6 | 102.0 | 84.7 | 73.2 | 69.9 | 68.2 | 67.6 | 66.3 | 65.7 | 66.1 | 66.3 |
| 15° | 143.3 | 124.9 | 94.7 | 74.9 | 68.2 | 66.3 | 65.3 | 64.2 | 63.2 | 63.0 | 63.2 |
| 17.5° | 183.3 | 157.0 | 109.9 | 78.8 | 66.9 | 64.6 | 63.2 | 61.7 | 60.3 | 60.1 | 59.8 |
| 20° | 232.9 | 196.4 | 131.2 | 85.1 | 65.9 | 63.2 | 61.1 | 59.0 | 57.1 | 56.5 | 56.5 |
| 22.5° | 278.2 | 244.0 | 158.5 | 92.8 | 64.4 | 61.1 | 58.6 | 56.1 | 54.0 | 53.0 | 52.8 |
| 25° | 333.4 | 294.4 | 191.2 | 101.8 | 62.4 | 58.4 | 55.7 | 53.2 | 51.1 | 49.8 | 49.4 |
| 27.5° | 389.1 | 347.6 | 228.3 | 113.4 | 59.8 | 55.7 | 53.2 | 50.9 | 48.6 | 47.1 | 46.7 |
| 30° | 443.1 | 405.0 | 270.0 | 128.0 | 58.0 | 53.0 | 50.9 | 48.6 | 46.5 | 44.2 | 43.6 |
| 32.5° | 501.1 | 463.6 | 316.8 | 144.3 | 56.5 | 51.1 | 48.8 | 46.7 | 44.0 | 41.9 | 40.9 |
| 35° | 557.0 | 524.0 | 368.3 | 160.1 | 55.1 | 49.4 | 46.9 | 44.8 | 41.9 | 39.6 | 38.2 |
| 37.5° | 613.3 | 585.5 | 422.1 | 169.7 | 53.0 | 47.1 | 44.8 | 43.2 | 39.8 | 37.1 | 35.4 |
| 40° | 672.9 | 649.1 | 480.2 | 165.8 | 51.1 | 44.6 | 43.4 | 41.5 | 37.7 | 34.6 | 32.5 |
| 42.5° | 738.4 | 709.8 | 539.5 | 150.6 | 49.4 | 42.5 | 41.3 | 39.4 | 35.9 | 32.1 | 29.4 |
| 45° | 820.8 | 776.4 | 588.1 | 127.6 | 50.3 | 40.5 | 38.0 | 37.5 | 34.2 | 29.4 | 26.1 |
| 47.5° | 962.4 | 878.5 | 625.8 | 112.8 | 55.9 | 38.2 | 35.2 | 36.3 | 32.7 | 26.7 | 22.9 |
| 50° | 1179.0 | 1047.9 | 661.0 | 111.8 | 64.4 | 37.1 | 32.7 | 35.4 | 31.3 | 24.0 | 20.2 |
| 52.5° | 1385.5 | 1219.9 | 683.6 | 120.9 | 71.9 | 39.8 | 30.2 | 34.4 | 30.2 | 22.1 | 18.4 |
| 55° | 1582.9 | 1319.2 | 643.3 | 127.6 | 79.0 | 48.0 | 28.4 | 32.7 | 29.0 | 21.1 | 17.7 |
| 57.5° | 1795.8 | 1363.4 | 506.5 | 141.2 | 84.0 | 54.8 | 28.8 | 30.2 | 27.3 | 20.4 | 17.5 |
| 60° | 1859.4 | 1306.8 | 305.7 | 158.9 | 81.3 | 56.9 | 31.9 | 26.9 | 25.0 | 19.2 | 16.9 |
| 62.5° | 1760.6 | 1172.8 | 180.4 | 144.7 | 79.0 | 53.8 | 36.5 | 24.8 | 22.7 | 17.5 | 15.6 |
| 65° | 1612.8 | 990.7 | 117.6 | 122.2 | 83.8 | 48.0 | 38.8 | 23.8 | 20.6 | 15.8 | 13.8 |
| 67.5° | 1443.9 | 798.0 | 82.4 | 72.2 | 77.4 | 43.2 | 32.7 | 23.6 | 18.6 | 13.3 | 11.3 |
| 70° | 1216.1 | 597.6 | 58.0 | 47.8 | 64.4 | 38.4 | 25.4 | 22.9 | 16.3 | 10.8 | 8.8 |
| 72.5° | 939.6 | 374.1 | 43.2 | 30.9 | 45.9 | 31.3 | 20.2 | 19.4 | 13.1 | 9.0 | 6.7 |
| 75° | 692.9 | 213.3 | 30.4 | 22.3 | 30.2 | 23.8 | 15.0 | 13.8 | 11.3 | 8.5 | 6.0 |
| 77.5° | 361.8 | 106.8 | 19.0 | 17.1 | 17.3 | 14.8 | 10.8 | 10.0 | 10.4 | 8.5 | 5.6 |
| 80° | 69.4 | 21.3 | 11.5 | 12.5 | 9.4 | 9.4 | 7.9 | 8.3 | 9.2 | 6.9 | 4.8 |
| 82.5° | 29.0 | 4.6 | 6.3 | 7.1 | 5.8 | 6.5 | 6.5 | 6.7 | 6.5 | 5.0 | 3.5 |
| 85° | 0.0 | 0.0 | 2.7 | 2.9 | 4.0 | 4.0 | 3.3 | 3.3 | 3.3 | 2.9 | 2.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.6 | 1.3 | 1.5 | 1.7 | 1.3 | 0.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 0° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 2.5° | 87.2 | 86.7 | 87.4 | 87.8 | 88.2 | 88.2 | 87.8 | 87.4 | 86.7 | 87.4 | 86.7 |
| 5° | 80.5 | 81.1 | 82.2 | 82.6 | 83.0 | 82.2 | 81.7 | 80.5 | 79.4 | 79.7 | 79.2 |
| 7.5° | 75.3 | 75.9 | 77.2 | 78.0 | 78.0 | 77.6 | 76.3 | 75.1 | 73.4 | 73.4 | 73.2 |
| 10° | 70.5 | 71.3 | 72.8 | 73.8 | 74.2 | 73.8 | 72.6 | 70.9 | 69.4 | 69.4 | 68.8 |
| 12.5° | 66.5 | 67.6 | 69.2 | 70.7 | 71.1 | 70.7 | 69.4 | 67.8 | 66.1 | 66.1 | 65.7 |
| 15° | 63.2 | 64.4 | 66.3 | 68.0 | 68.6 | 68.0 | 66.5 | 64.4 | 62.8 | 63.0 | 62.4 |
| 17.5° | 60.1 | 61.1 | 63.6 | 65.5 | 66.1 | 65.5 | 63.6 | 60.9 | 59.2 | 59.6 | 59.2 |
| 20° | 56.5 | 57.8 | 60.3 | 62.4 | 63.0 | 62.4 | 60.3 | 57.3 | 55.7 | 55.7 | 55.9 |
| 22.5° | 52.8 | 54.0 | 56.5 | 58.0 | 58.8 | 58.2 | 56.1 | 53.4 | 51.7 | 51.7 | 51.9 |
| 25° | 49.4 | 50.0 | 51.9 | 53.4 | 53.6 | 53.0 | 51.3 | 49.2 | 48.0 | 48.6 | 48.8 |
| 27.5° | 46.3 | 46.3 | 47.1 | 48.0 | 47.8 | 47.1 | 46.5 | 44.8 | 44.6 | 45.3 | 45.9 |
| 30° | 43.0 | 41.9 | 41.5 | 40.9 | 40.7 | 40.5 | 41.1 | 41.1 | 41.5 | 42.3 | 43.0 |
| 32.5° | 40.0 | 38.0 | 36.1 | 34.2 | 33.2 | 34.0 | 35.7 | 37.1 | 38.6 | 39.8 | 40.5 |
| 35° | 36.7 | 33.4 | 30.2 | 27.7 | 26.1 | 27.3 | 30.0 | 32.7 | 35.2 | 36.9 | 38.0 |
| 37.5° | 33.4 | 28.6 | 24.8 | 21.7 | 20.4 | 21.5 | 24.4 | 28.2 | 31.9 | 34.0 | 35.4 |
| 40° | 29.8 | 23.8 | 19.4 | 16.9 | 15.6 | 16.7 | 19.6 | 23.4 | 28.4 | 31.1 | 32.9 |
| 42.5° | 26.3 | 19.6 | 15.6 | 13.1 | 12.5 | 13.1 | 15.4 | 19.2 | 24.6 | 27.9 | 30.4 |
| 45° | 22.7 | 16.3 | 12.5 | 10.6 | 10.0 | 10.6 | 12.5 | 15.6 | 21.1 | 24.8 | 27.7 |
| 47.5° | 19.6 | 13.8 | 10.4 | 8.8 | 8.3 | 9.0 | 10.4 | 13.1 | 17.7 | 21.5 | 24.8 |
| 50° | 17.1 | 12.1 | 9.0 | 7.5 | 7.1 | 7.7 | 9.0 | 11.1 | 15.0 | 18.4 | 21.9 |
| 52.5° | 15.4 | 11.3 | 7.9 | 6.5 | 6.3 | 6.7 | 7.7 | 9.4 | 12.7 | 15.6 | 19.0 |
| 55° | 15.0 | 11.3 | 7.3 | 5.8 | 5.6 | 6.0 | 6.9 | 8.1 | 11.1 | 13.6 | 16.5 |
| 57.5° | 15.4 | 12.1 | 6.9 | 5.0 | 4.8 | 5.2 | 6.0 | 7.1 | 9.6 | 11.7 | 14.4 |
| 60° | 15.4 | 12.3 | 6.0 | 4.0 | 3.8 | 4.2 | 5.0 | 6.3 | 8.5 | 10.2 | 12.5 |
| 62.5° | 14.0 | 11.3 | 5.0 | 3.1 | 2.7 | 3.1 | 4.2 | 5.2 | 7.5 | 9.2 | 11.1 |
| 65° | 12.1 | 9.6 | 4.2 | 2.3 | 1.9 | 2.3 | 3.3 | 4.4 | 6.5 | 7.9 | 10.0 |
| 67.5° | 9.8 | 7.3 | 3.1 | 1.7 | 1.3 | 1.7 | 2.5 | 3.5 | 5.4 | 6.9 | 9.0 |
| 70° | 7.3 | 5.2 | 2.5 | 1.5 | 1.3 | 1.5 | 2.3 | 3.3 | 4.8 | 6.3 | 8.3 |
| 72.5° | 5.4 | 3.5 | 2.1 | 1.5 | 1.0 | 1.5 | 2.1 | 3.1 | 4.6 | 6.0 | 7.9 |
| 75° | 4.6 | 2.9 | 1.9 | 1.3 | 1.0 | 1.3 | 1.9 | 2.9 | 4.2 | 5.6 | 7.5 |
| 77.5° | 4.4 | 2.7 | 1.7 | 1.0 | 0.8 | 1.0 | 1.7 | 2.5 | 3.8 | 5.2 | 7.3 |
| 80° | 3.8 | 2.3 | 1.5 | 0.8 | 0.6 | 0.8 | 1.5 | 2.1 | 2.9 | 4.0 | 5.6 |
| 82.5° | 2.9 | 1.9 | 1.0 | 0.4 | 0.2 | 0.4 | 1.0 | 1.3 | 1.9 | 2.3 | 3.3 |
| 85° | 1.9 | 1.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 | 0.8 | 0.8 | 1.0 | 1.7 |
| 87.5° | 0.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 | 0.6 |
| 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: P628917
 CATALOG NUMBER: GWS-SA1A-750-U-SLR-W-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|------|------|------|------|------|-------|-------|--------|--------|--------|
| 0° | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 2.5° | 88.0 | 88.2 | 88.6 | 89.3 | 90.7 | 92.0 | 93.2 | 94.9 | 95.7 | 95.7 |
| 5° | 79.7 | 79.9 | 80.1 | 80.9 | 83.0 | 84.7 | 87.4 | 90.7 | 92.4 | 92.8 |
| 7.5° | 73.2 | 73.6 | 74.0 | 74.7 | 76.7 | 79.0 | 82.6 | 88.8 | 92.0 | 92.6 |
| 10° | 69.4 | 70.1 | 70.9 | 72.2 | 74.0 | 76.5 | 82.6 | 93.8 | 99.1 | 100.1 |
| 12.5° | 66.5 | 67.6 | 68.4 | 69.9 | 72.2 | 76.1 | 88.2 | 108.0 | 117.2 | 119.7 |
| 15° | 63.6 | 64.9 | 66.1 | 67.6 | 70.1 | 77.6 | 99.1 | 133.5 | 148.7 | 150.6 |
| 17.5° | 60.7 | 62.1 | 63.8 | 65.5 | 68.6 | 81.1 | 116.2 | 168.7 | 190.0 | 194.1 |
| 20° | 57.3 | 59.2 | 61.5 | 63.6 | 67.1 | 86.7 | 139.9 | 210.6 | 237.3 | 246.3 |
| 22.5° | 53.8 | 56.1 | 58.8 | 61.5 | 65.5 | 93.6 | 168.7 | 255.7 | 293.0 | 298.8 |
| 25° | 50.9 | 53.2 | 55.7 | 58.4 | 62.8 | 102.0 | 203.5 | 311.5 | 345.5 | 351.2 |
| 27.5° | 48.2 | 50.5 | 52.8 | 55.3 | 60.1 | 112.8 | 245.4 | 371.0 | 406.4 | 412.3 |
| 30° | 45.3 | 48.0 | 50.3 | 52.8 | 57.6 | 126.2 | 293.8 | 436.9 | 470.4 | 475.9 |
| 32.5° | 42.7 | 45.5 | 47.8 | 50.3 | 55.7 | 140.8 | 344.7 | 495.3 | 522.6 | 522.6 |
| 35° | 40.7 | 43.6 | 45.3 | 48.6 | 54.2 | 150.1 | 392.9 | 550.9 | 571.6 | 570.7 |
| 37.5° | 38.4 | 41.9 | 43.2 | 45.5 | 52.3 | 151.2 | 438.1 | 609.7 | 625.0 | 619.5 |
| 40° | 36.1 | 39.8 | 41.7 | 43.0 | 50.3 | 142.6 | 487.7 | 663.7 | 676.7 | 669.6 |
| 42.5° | 34.0 | 36.9 | 39.6 | 41.1 | 49.0 | 127.6 | 527.6 | 721.5 | 736.9 | 730.7 |
| 45° | 31.9 | 34.4 | 36.1 | 38.8 | 49.8 | 117.2 | 561.8 | 788.9 | 816.0 | 811.4 |
| 47.5° | 29.8 | 31.9 | 32.9 | 37.1 | 55.5 | 112.4 | 582.6 | 893.1 | 944.2 | 940.5 |
| 50° | 27.5 | 30.0 | 30.0 | 36.7 | 63.8 | 114.1 | 600.8 | 1044.1 | 1123.1 | 1121.9 |
| 52.5° | 25.2 | 27.9 | 27.5 | 39.8 | 70.3 | 121.8 | 621.4 | 1177.4 | 1314.8 | 1326.2 |
| 55° | 22.9 | 25.4 | 25.9 | 46.1 | 74.0 | 128.5 | 541.5 | 1233.4 | 1478.5 | 1518.7 |
| 57.5° | 20.4 | 21.9 | 26.9 | 50.9 | 72.8 | 147.8 | 371.0 | 1243.7 | 1582.9 | 1669.3 |
| 60° | 17.7 | 19.0 | 30.4 | 49.8 | 68.8 | 136.6 | 233.6 | 1151.9 | 1568.1 | 1677.6 |
| 62.5° | 15.4 | 17.5 | 32.1 | 44.0 | 70.1 | 118.4 | 148.9 | 981.8 | 1427.0 | 1551.9 |
| 65° | 13.6 | 16.9 | 29.2 | 39.8 | 70.9 | 80.3 | 100.5 | 798.7 | 1289.1 | 1408.0 |
| 67.5° | 12.1 | 18.8 | 24.0 | 35.4 | 60.9 | 56.5 | 69.0 | 620.6 | 1083.9 | 1190.5 |
| 70° | 11.1 | 19.2 | 19.6 | 30.4 | 47.1 | 36.3 | 45.5 | 417.7 | 747.2 | 868.9 |
| 72.5° | 10.0 | 14.2 | 14.8 | 24.4 | 30.4 | 22.1 | 29.4 | 239.0 | 544.7 | 627.7 |
| 75° | 9.6 | 9.6 | 10.2 | 15.8 | 16.9 | 16.1 | 19.0 | 142.6 | 390.6 | 451.3 |
| 77.5° | 9.0 | 7.3 | 6.5 | 10.2 | 9.2 | 11.5 | 11.3 | 63.4 | 169.3 | 183.1 |
| 80° | 7.1 | 5.2 | 4.4 | 6.5 | 6.3 | 7.7 | 6.7 | 5.2 | 7.7 | 7.5 |
| 82.5° | 4.4 | 3.3 | 3.1 | 4.0 | 3.5 | 4.0 | 3.1 | 0.8 | 0.8 | 0.8 |
| 85° | 2.1 | 1.9 | 1.7 | 1.7 | 1.9 | 1.7 | 1.3 | 0.4 | 0.2 | 0.2 |
| 87.5° | 1.0 | 1.0 | 0.8 | 0.6 | 0.8 | 0.8 | 0.6 | 0.2 | 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)