

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: STREETWORKS

Report Number: P385524

Luminaire Tested: GAW-SA1A-750-U-SLR-HSS

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P385524  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-28)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GAW-SA1A-750-U-SLR-HSS  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 5000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3690 lumens  
Efficiency: N/A  
Efficacy: 108.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G1

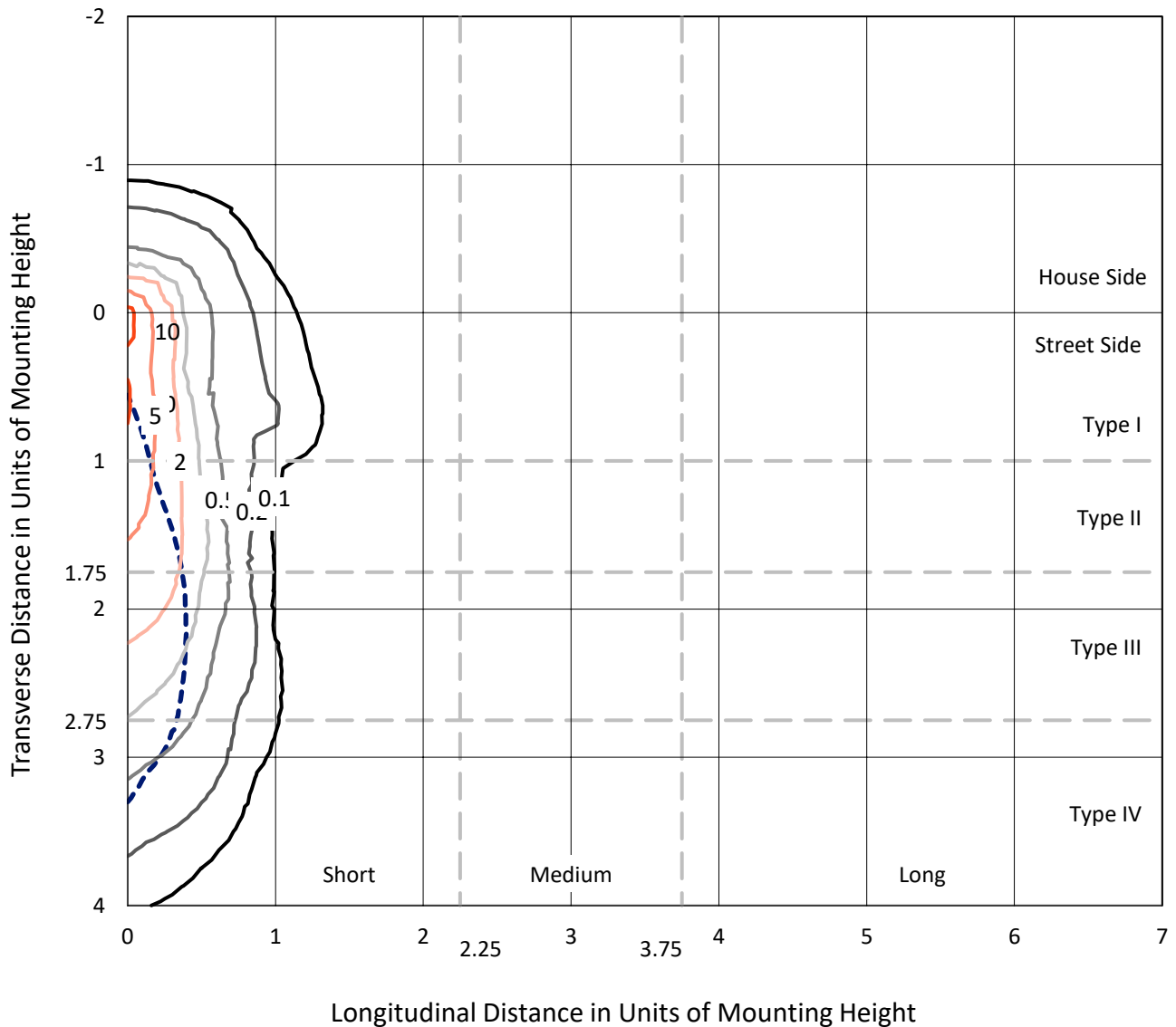
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P385524  
 CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

### Iso-Footcandle Lines of Horizontal Illumination

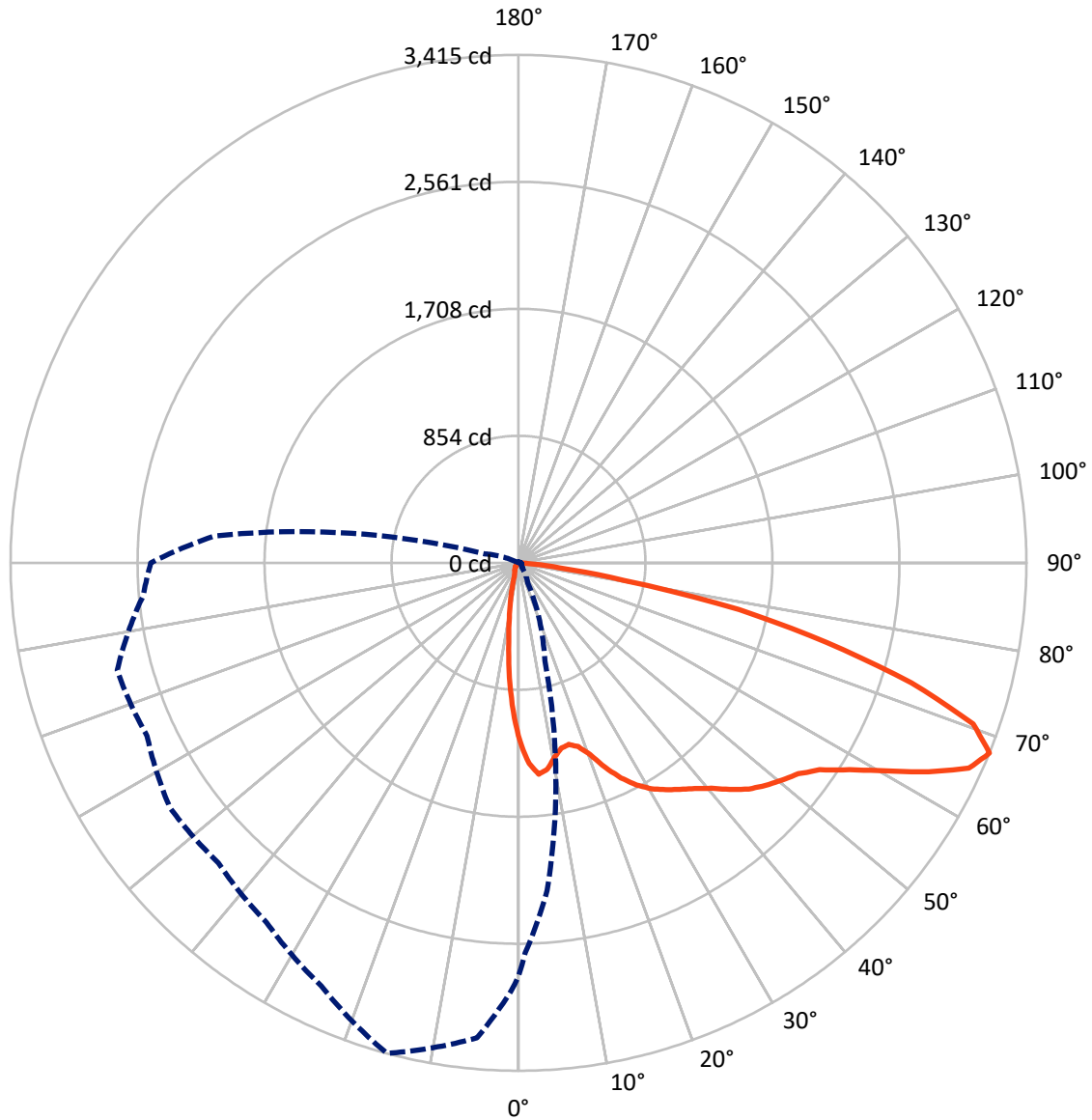
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P385524  
CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P385524  
 CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

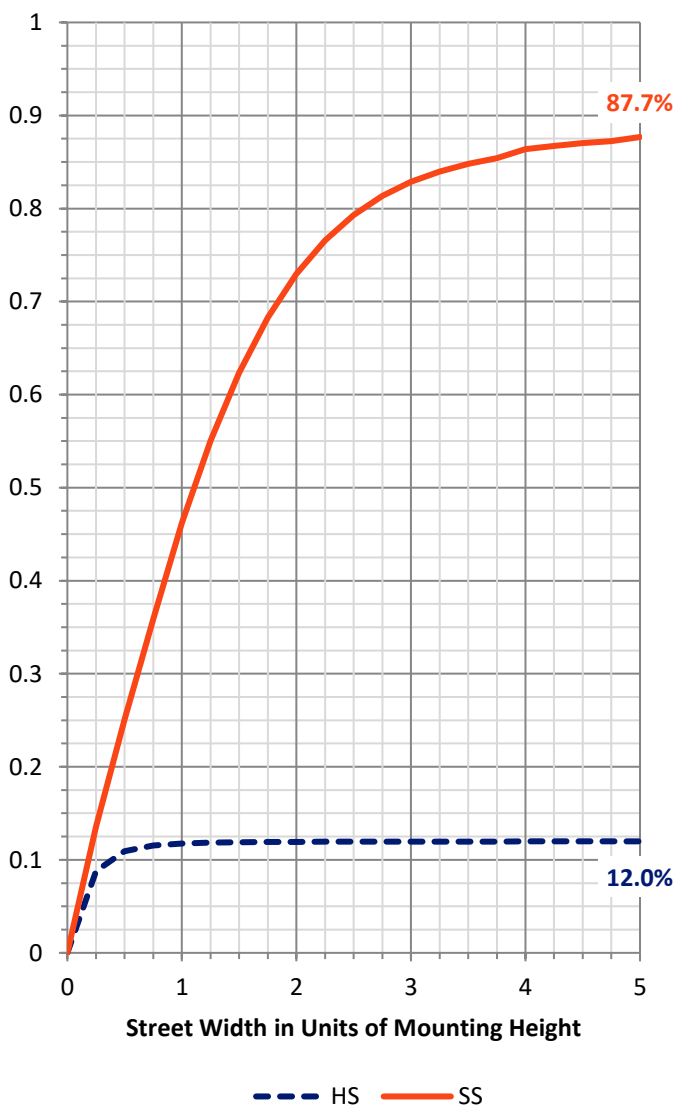
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 446.6    | 0.0    | 446.6  |
|                    | % Fixture | 12.1     | 0.0    | 12.1   |
| <b>Street Side</b> | Lumens    | 3243.4   | 0.0    | 3243.4 |
|                    | % Fixture | 87.9     | 0.0    | 87.9   |
| <b>Total</b>       | Lumens    | 3690.0   | 0.0    | 3690.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.3   | 2.5       |
| 10°-20°   | 183.6  | 5.0       |
| 20°-30°   | 260.8  | 7.1       |
| 30°-40°   | 385.1  | 10.4      |
| 40°-50°   | 555.5  | 15.1      |
| 50°-60°   | 779.8  | 21.1      |
| 60°-70°   | 909.0  | 24.6      |
| 70°-80°   | 464.7  | 12.6      |
| 80°-90°   | 59.3   | 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°    | 3690.0 | 100.0     |
| 0°-180°   | 3690.0 | 100.0     |

**Coefficient of Utilization**

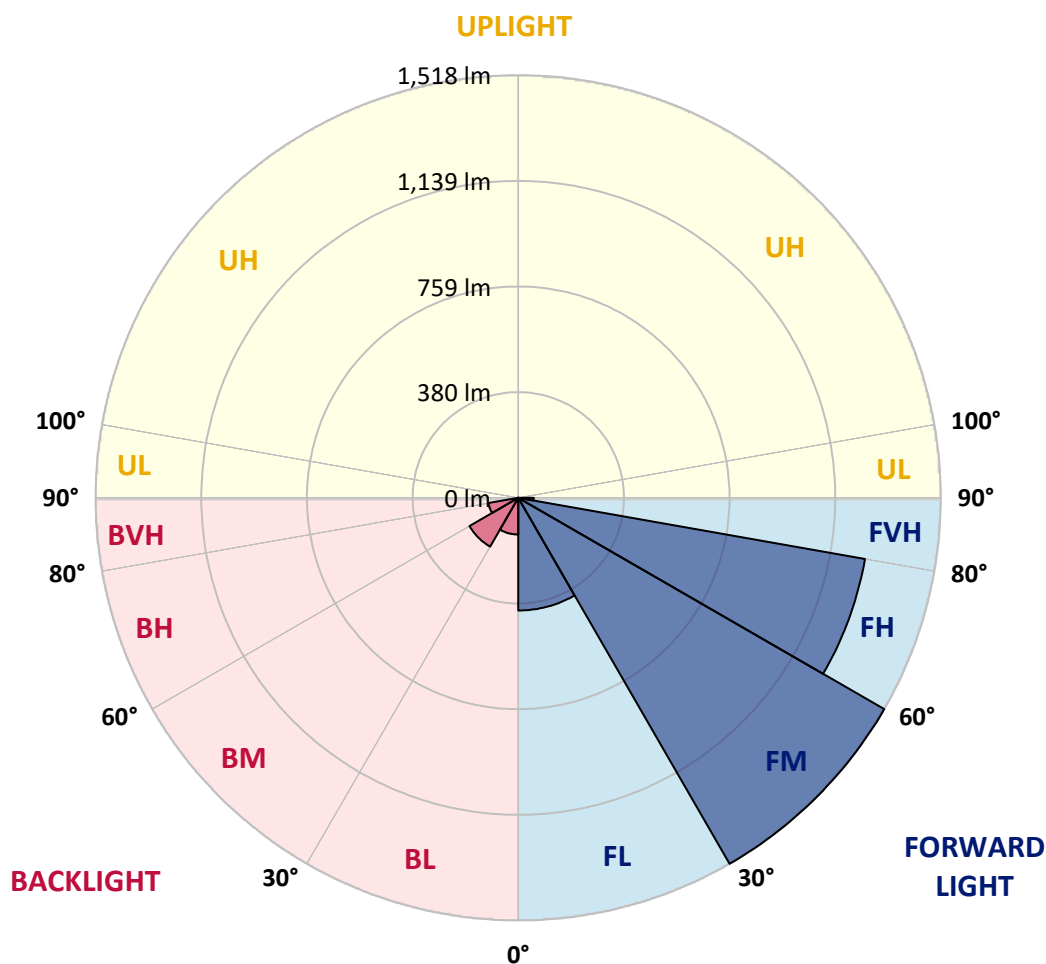


REPORT NUMBER: P385524  
 CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 404.7  | 11.0      |                         |      |         |
| FM (30°-60°)   | 1518.1 | 41.1      |                         |      |         |
| FH (60°-80°)   | 1264.8 | 34.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 55.7   | 1.5       |                         |      | G1/100  |
| BL (0°-30°)    | 131.9  | 3.6       | B1/500                  |      |         |
| BM (30°-60°)   | 202.2  | 5.5       | B0/220                  |      |         |
| BH (60°-80°)   | 108.8  | 2.9       | B0/110                  |      | G0/110  |
| BVH (80°-90°)  | 3.6    | 0.1       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**  
 Type IV Medium





REPORT NUMBER: P385524

CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 |
| 2.5°  | 1316.2 | 1306.0 | 1294.8 | 1258.3 | 1224.4 | 1185.6 | 1153.9 | 1131.9 | 1104.3 | 1068.5 | 1059.4 |
| 5°    | 1306.7 | 1295.9 | 1260.7 | 1179.5 | 1108.3 | 1039.1 | 972.3  | 933.1  | 884.6  | 835.3  | 823.0  |
| 7.5°  | 1211.8 | 1200.4 | 1149.7 | 1038.4 | 942.6  | 842.6  | 755.9  | 702.2  | 647.3  | 602.2  | 578.3  |
| 10°   | 1113.0 | 1100.6 | 1043.6 | 908.5  | 790.5  | 700.1  | 636.5  | 585.3  | 533.4  | 485.1  | 446.6  |
| 12.5° | 1045.0 | 1028.8 | 966.9  | 813.8  | 711.0  | 649.6  | 590.2  | 528.8  | 458.5  | 406.8  | 364.5  |
| 15°   | 1016.5 | 998.0  | 932.6  | 777.2  | 682.8  | 610.8  | 533.4  | 458.0  | 375.7  | 316.4  | 277.6  |
| 17.5° | 1038.6 | 1014.4 | 944.3  | 774.8  | 647.5  | 549.4  | 451.5  | 363.1  | 273.8  | 213.8  | 186.2  |
| 20°   | 1113.4 | 1081.7 | 992.8  | 774.1  | 604.7  | 476.5  | 352.4  | 252.4  | 180.4  | 145.1  | 130.6  |
| 22.5° | 1231.2 | 1189.4 | 1062.3 | 779.7  | 560.4  | 400.0  | 254.5  | 171.5  | 135.5  | 117.1  | 108.6  |
| 25°   | 1373.5 | 1325.1 | 1162.5 | 799.4  | 521.6  | 325.5  | 185.0  | 135.5  | 114.3  | 100.9  | 93.7   |
| 27.5° | 1508.8 | 1469.5 | 1289.1 | 827.9  | 491.6  | 265.4  | 150.2  | 114.9  | 97.7   | 88.8   | 83.0   |
| 30°   | 1643.9 | 1594.5 | 1419.0 | 861.8  | 455.4  | 224.6  | 132.0  | 104.7  | 87.6   | 78.1   | 74.5   |
| 32.5° | 1742.2 | 1701.1 | 1520.7 | 886.3  | 416.8  | 198.1  | 118.0  | 95.8   | 81.8   | 72.2   | 66.8   |
| 35°   | 1857.7 | 1811.2 | 1607.9 | 891.7  | 391.9  | 181.3  | 106.1  | 86.2   | 71.0   | 62.4   | 56.6   |
| 37.5° | 1982.5 | 1924.7 | 1708.6 | 879.8  | 372.5  | 173.1  | 97.2   | 81.8   | 66.3   | 57.5   | 51.4   |
| 40°   | 2120.7 | 2055.3 | 1805.3 | 862.7  | 353.5  | 170.3  | 90.4   | 78.5   | 62.6   | 53.7   | 47.4   |
| 42.5° | 2266.1 | 2189.0 | 1889.0 | 844.7  | 341.4  | 160.7  | 89.7   | 75.2   | 59.8   | 50.2   | 43.9   |
| 45°   | 2388.3 | 2310.1 | 1975.0 | 838.8  | 332.8  | 150.2  | 92.7   | 72.9   | 57.9   | 47.4   | 41.3   |
| 47.5° | 2485.7 | 2411.7 | 2063.1 | 852.0  | 327.9  | 140.5  | 84.4   | 75.9   | 56.8   | 44.9   | 39.0   |
| 50°   | 2601.9 | 2518.2 | 2187.3 | 891.7  | 320.8  | 130.9  | 76.4   | 86.9   | 56.8   | 43.4   | 37.1   |
| 52.5° | 2747.7 | 2664.8 | 2325.7 | 953.3  | 306.4  | 117.6  | 68.7   | 87.1   | 57.3   | 41.3   | 34.6   |
| 55°   | 2931.1 | 2870.9 | 2523.4 | 1020.7 | 283.5  | 98.1   | 59.4   | 74.8   | 55.2   | 37.4   | 32.3   |
| 57.5° | 3106.9 | 3057.8 | 2703.6 | 1066.9 | 253.0  | 76.6   | 51.7   | 60.3   | 50.5   | 32.9   | 28.8   |
| 59°   | 3155.0 | 3101.3 | 2769.7 | 1069.0 | 230.1  | 66.8   | 47.9   | 49.8   | 49.5   | 30.8   | 26.7   |
| 60°   | 3155.0 | 3098.0 | 2788.8 | 1057.8 | 213.4  | 61.4   | 45.5   | 44.4   | 51.6   | 29.4   | 25.5   |
| 62.5° | 3097.9 | 3017.8 | 2726.9 | 982.1  | 174.1  | 52.3   | 39.7   | 36.7   | 46.3   | 26.4   | 22.6   |
| 65°   | 2979.0 | 2862.4 | 2516.1 | 845.2  | 155.2  | 47.9   | 34.3   | 30.1   | 32.2   | 23.3   | 19.8   |
| 67.5° | 2780.7 | 2622.7 | 2212.1 | 682.8  | 147.7  | 46.7   | 29.5   | 25.5   | 24.3   | 19.9   | 17.3   |
| 70°   | 2431.6 | 2256.3 | 1843.0 | 536.8  | 141.2  | 46.2   | 24.8   | 21.5   | 19.6   | 16.8   | 14.7   |
| 72.5° | 1769.8 | 1586.9 | 1308.5 | 419.7  | 137.4  | 47.2   | 19.9   | 18.0   | 16.1   | 13.1   | 11.4   |
| 75°   | 1012.3 | 892.6  | 735.4  | 277.3  | 117.1  | 45.1   | 15.4   | 15.0   | 11.5   | 9.4    | 7.9    |
| 77.5° | 523.0  | 507.1  | 440.7  | 106.5  | 56.1   | 19.8   | 10.1   | 8.7    | 6.8    | 5.8    | 4.7    |
| 80°   | 225.7  | 223.2  | 193.2  | 30.8   | 14.9   | 11.0   | 5.8    | 3.7    | 3.1    | 2.4    | 1.9    |
| 82.5° | 78.0   | 78.0   | 68.7   | 10.3   | 6.6    | 5.4    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 15.7   | 17.7   | 12.4   | 0.0    | 2.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 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    | 0.0    |



REPORT NUMBER: P385524

CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 |
| 2.5°  | 1048.4 | 1027.2 | 1025.8 | 1012.5 | 995.9  | 988.4  | 984.0  | 991.7  | 1001.2 | 1002.2 | 1016.4 |
| 5°    | 813.8  | 791.6  | 800.8  | 777.2  | 781.9  | 777.2  | 769.5  | 770.9  | 775.1  | 762.0  | 778.3  |
| 7.5°  | 571.5  | 554.7  | 565.3  | 559.1  | 567.4  | 570.8  | 566.0  | 559.1  | 538.4  | 536.0  | 550.1  |
| 10°   | 430.7  | 411.7  | 400.3  | 388.4  | 391.1  | 396.5  | 394.7  | 389.7  | 376.5  | 377.2  | 390.9  |
| 12.5° | 346.1  | 324.8  | 302.3  | 273.1  | 265.9  | 269.9  | 265.9  | 262.9  | 250.3  | 251.4  | 263.4  |
| 15°   | 262.6  | 245.1  | 221.5  | 198.1  | 185.3  | 186.5  | 175.3  | 167.5  | 159.6  | 150.2  | 157.5  |
| 17.5° | 177.3  | 166.6  | 159.6  | 152.6  | 137.4  | 133.9  | 119.7  | 104.5  | 98.6   | 94.2   | 97.4   |
| 20°   | 125.5  | 119.7  | 116.9  | 116.6  | 107.9  | 103.5  | 89.7   | 80.2   | 77.3   | 76.4   | 78.3   |
| 22.5° | 104.9  | 100.7  | 96.7   | 94.4   | 90.0   | 85.0   | 74.5   | 69.8   | 67.7   | 66.6   | 68.0   |
| 25°   | 91.3   | 88.1   | 83.9   | 80.1   | 78.3   | 72.9   | 65.4   | 61.9   | 60.5   | 59.4   | 60.1   |
| 27.5° | 81.1   | 78.3   | 73.4   | 71.0   | 69.6   | 64.9   | 58.4   | 55.6   | 54.4   | 54.0   | 53.8   |
| 30°   | 73.1   | 70.4   | 65.9   | 63.1   | 60.7   | 56.5   | 52.6   | 49.8   | 48.6   | 48.2   | 47.9   |
| 32.5° | 65.0   | 62.9   | 60.0   | 57.2   | 54.5   | 50.7   | 47.4   | 45.1   | 43.2   | 42.8   | 42.7   |
| 35°   | 54.9   | 52.8   | 51.2   | 51.0   | 48.6   | 44.9   | 42.5   | 39.5   | 37.9   | 37.4   | 37.6   |
| 37.5° | 48.8   | 46.0   | 42.5   | 43.7   | 43.0   | 40.4   | 37.1   | 34.1   | 32.5   | 32.2   | 32.2   |
| 40°   | 44.9   | 42.0   | 37.9   | 35.8   | 37.9   | 37.4   | 32.2   | 29.2   | 27.6   | 27.4   | 27.1   |
| 42.5° | 41.3   | 38.3   | 33.7   | 30.2   | 31.3   | 32.9   | 27.8   | 25.0   | 23.4   | 23.1   | 22.6   |
| 45°   | 38.6   | 35.5   | 30.4   | 26.4   | 24.3   | 27.6   | 23.8   | 20.3   | 19.4   | 18.7   | 18.4   |
| 47.5° | 36.2   | 33.2   | 27.4   | 22.9   | 19.4   | 19.9   | 19.1   | 16.6   | 15.6   | 14.9   | 14.7   |
| 50°   | 34.1   | 30.9   | 24.8   | 19.6   | 16.1   | 14.7   | 15.4   | 13.1   | 12.2   | 11.5   | 11.2   |
| 52.5° | 31.6   | 28.7   | 22.0   | 17.0   | 13.5   | 11.5   | 11.7   | 10.3   | 9.4    | 8.9    | 8.7    |
| 55°   | 29.7   | 26.7   | 19.8   | 14.9   | 11.9   | 9.4    | 8.4    | 8.0    | 7.5    | 7.2    | 7.0    |
| 57.5° | 27.1   | 24.3   | 17.5   | 12.6   | 10.1   | 7.7    | 6.5    | 6.5    | 6.3    | 5.9    | 5.8    |
| 59°   | 25.5   | 23.1   | 16.1   | 11.4   | 9.3    | 6.6    | 5.8    | 5.9    | 5.8    | 5.4    | 5.2    |
| 60°   | 24.3   | 22.0   | 15.0   | 10.5   | 8.7    | 6.1    | 5.2    | 5.6    | 5.4    | 5.1    | 4.9    |
| 62.5° | 21.5   | 19.9   | 12.9   | 8.7    | 7.7    | 4.9    | 4.4    | 4.7    | 4.7    | 4.5    | 4.4    |
| 65°   | 18.9   | 17.1   | 11.0   | 7.3    | 7.2    | 4.2    | 3.5    | 4.2    | 4.4    | 4.0    | 3.7    |
| 67.5° | 16.4   | 14.7   | 9.6    | 5.9    | 6.6    | 3.3    | 2.6    | 3.5    | 4.7    | 3.7    | 3.3    |
| 70°   | 14.0   | 12.2   | 7.5    | 4.7    | 7.0    | 2.3    | 2.1    | 3.1    | 5.6    | 4.0    | 3.1    |
| 72.5° | 10.8   | 9.4    | 5.2    | 3.5    | 7.5    | 1.6    | 1.6    | 2.6    | 6.3    | 4.4    | 3.0    |
| 75°   | 7.5    | 6.1    | 3.1    | 2.1    | 6.1    | 1.0    | 1.0    | 2.4    | 5.9    | 4.0    | 2.8    |
| 77.5° | 4.4    | 3.3    | 1.0    | 0.2    | 3.1    | 0.0    | 0.2    | 1.7    | 4.2    | 2.4    | 1.2    |
| 80°   | 1.6    | 0.7    | 0.0    | 0.0    | 1.9    | 0.0    | 0.0    | 0.0    | 0.3    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 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    | 0.0    |





REPORT NUMBER: P385524  
 CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 |
| 2.5°  | 1020.0 | 1043.6 | 1064.8 | 1096.8 | 1134.7 | 1178.4 | 1216.0 | 1256.4 | 1294.3 | 1310.0 | 1320.9 |
| 5°    | 781.6  | 810.8  | 844.9  | 891.9  | 954.5  | 1031.6 | 1103.8 | 1185.4 | 1273.2 | 1317.0 | 1358.3 |
| 7.5°  | 552.6  | 582.3  | 624.6  | 674.6  | 750.3  | 842.1  | 936.5  | 1049.2 | 1168.1 | 1237.5 | 1305.8 |
| 10°   | 397.3  | 433.9  | 473.4  | 541.7  | 618.7  | 705.7  | 802.9  | 928.8  | 1061.3 | 1138.2 | 1220.5 |
| 12.5° | 270.4  | 312.0  | 371.8  | 448.4  | 538.8  | 624.1  | 708.5  | 828.6  | 982.4  | 1058.7 | 1146.9 |
| 15°   | 162.2  | 185.3  | 248.6  | 337.2  | 448.0  | 554.3  | 646.8  | 767.3  | 931.2  | 1024.6 | 1116.4 |
| 17.5° | 100.0  | 110.7  | 145.1  | 217.8  | 334.2  | 468.7  | 595.4  | 746.4  | 938.6  | 1052.2 | 1150.4 |
| 20°   | 79.7   | 83.9   | 94.9   | 128.7  | 221.5  | 374.3  | 537.5  | 742.3  | 998.5  | 1138.4 | 1243.8 |
| 22.5° | 69.2   | 73.2   | 80.6   | 93.5   | 139.3  | 280.2  | 482.7  | 746.1  | 1084.5 | 1267.6 | 1390.6 |
| 25°   | 61.0   | 64.5   | 71.5   | 82.2   | 102.1  | 197.4  | 423.9  | 763.2  | 1196.6 | 1427.9 | 1558.6 |
| 27.5° | 54.5   | 57.5   | 64.0   | 73.8   | 87.6   | 137.8  | 357.3  | 784.0  | 1329.4 | 1591.8 | 1720.9 |
| 30°   | 48.6   | 51.2   | 57.0   | 66.1   | 76.0   | 105.9  | 284.2  | 798.2  | 1462.5 | 1720.9 | 1836.8 |
| 32.5° | 43.5   | 45.5   | 50.7   | 58.4   | 66.1   | 84.4   | 216.1  | 795.9  | 1561.3 | 1828.2 | 1920.1 |
| 35°   | 38.3   | 40.2   | 44.8   | 51.4   | 57.5   | 69.8   | 169.9  | 753.4  | 1647.3 | 1939.5 | 2015.6 |
| 37.5° | 32.5   | 35.0   | 39.3   | 45.3   | 49.5   | 61.4   | 137.4  | 702.2  | 1734.5 | 2066.8 | 2122.0 |
| 40°   | 27.6   | 30.1   | 33.9   | 40.4   | 43.0   | 58.2   | 105.6  | 639.8  | 1832.6 | 2209.1 | 2238.8 |
| 42.5° | 22.9   | 25.2   | 29.2   | 34.8   | 40.6   | 50.2   | 78.1   | 568.5  | 1926.8 | 2330.8 | 2345.3 |
| 45°   | 18.5   | 20.8   | 25.0   | 30.6   | 43.4   | 41.6   | 60.5   | 492.1  | 2002.8 | 2432.0 | 2436.7 |
| 47.5° | 14.7   | 16.8   | 21.2   | 28.8   | 40.4   | 33.2   | 43.2   | 432.1  | 2066.6 | 2511.0 | 2498.6 |
| 50°   | 11.4   | 13.1   | 17.7   | 33.0   | 35.3   | 27.4   | 32.7   | 412.2  | 2123.8 | 2560.0 | 2527.8 |
| 52.5° | 8.9    | 10.5   | 14.5   | 30.9   | 27.4   | 22.7   | 27.4   | 430.9  | 2202.1 | 2600.5 | 2544.2 |
| 55°   | 7.2    | 8.7    | 11.4   | 17.7   | 18.7   | 19.2   | 23.4   | 448.4  | 2337.2 | 2695.6 | 2641.2 |
| 57.5° | 5.9    | 7.5    | 9.3    | 12.4   | 14.2   | 16.3   | 20.8   | 450.3  | 2496.5 | 2853.6 | 2802.2 |
| 59°   | 5.4    | 6.8    | 8.4    | 11.0   | 12.4   | 14.9   | 19.6   | 439.8  | 2552.6 | 2911.2 | 2885.5 |
| 60°   | 5.1    | 6.5    | 7.9    | 10.1   | 11.5   | 14.0   | 18.9   | 429.9  | 2555.1 | 2909.1 | 2920.9 |
| 62.5° | 4.4    | 5.8    | 7.0    | 8.6    | 9.8    | 11.9   | 17.0   | 393.0  | 2451.6 | 2813.8 | 2899.6 |
| 65°   | 3.8    | 5.1    | 6.3    | 7.3    | 8.4    | 10.7   | 15.4   | 325.7  | 2274.8 | 2660.1 | 2753.6 |
| 67.5° | 3.5    | 4.4    | 5.8    | 6.5    | 7.5    | 9.4    | 13.6   | 232.2  | 2054.0 | 2472.2 | 2532.9 |
| 70°   | 3.1    | 4.2    | 5.2    | 5.9    | 6.8    | 8.2    | 11.7   | 133.4  | 1734.5 | 2197.0 | 2240.2 |
| 72.5° | 3.0    | 4.0    | 4.7    | 5.6    | 6.1    | 7.3    | 10.7   | 62.8   | 1270.0 | 1760.0 | 1872.8 |
| 75°   | 2.6    | 3.7    | 4.4    | 5.2    | 5.8    | 6.6    | 9.1    | 30.1   | 844.7  | 1273.7 | 1401.8 |
| 77.5° | 1.6    | 3.0    | 4.0    | 4.7    | 5.1    | 5.8    | 7.5    | 17.3   | 539.1  | 881.6  | 1038.4 |
| 80°   | 0.0    | 1.0    | 3.0    | 4.0    | 4.4    | 4.9    | 5.8    | 13.6   | 288.4  | 503.6  | 604.5  |
| 82.5° | 0.0    | 0.0    | 2.1    | 3.1    | 3.0    | 3.3    | 4.4    | 8.6    | 130.1  | 329.2  | 371.0  |
| 85°   | 0.0    | 0.0    | 0.7    | 2.4    | 2.1    | 1.6    | 3.0    | 3.0    | 28.5   | 166.6  | 207.9  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.2    | 1.0    | 0.7    | 1.2    | 0.3    | 0.2    | 12.4   | 50.3   |
| 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: P385524  
 CATALOG NUMBER: GAW-SA1A-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 | 1202.0 |
| 2.5°  | 1358.8 | 1371.8 | 1393.6 | 1403.9 | 1398.8 | 1377.3 | 1351.7 | 1325.4 | 1310.0 | 1316.2 |
| 5°    | 1442.4 | 1509.0 | 1547.4 | 1560.2 | 1538.9 | 1490.6 | 1427.5 | 1344.3 | 1314.8 | 1306.7 |
| 7.5°  | 1442.4 | 1567.7 | 1647.1 | 1661.1 | 1613.5 | 1518.9 | 1400.6 | 1270.7 | 1227.5 | 1211.8 |
| 10°   | 1391.7 | 1562.3 | 1673.0 | 1695.2 | 1628.7 | 1487.3 | 1328.7 | 1180.5 | 1129.3 | 1113.0 |
| 12.5° | 1334.5 | 1518.2 | 1634.8 | 1665.4 | 1610.9 | 1455.8 | 1278.9 | 1119.5 | 1059.2 | 1045.0 |
| 15°   | 1299.4 | 1464.1 | 1560.6 | 1582.8 | 1559.7 | 1437.5 | 1267.0 | 1101.1 | 1030.2 | 1016.5 |
| 17.5° | 1312.0 | 1422.1 | 1456.9 | 1469.8 | 1485.4 | 1431.0 | 1299.4 | 1141.4 | 1051.5 | 1038.6 |
| 20°   | 1359.3 | 1377.9 | 1359.9 | 1376.1 | 1418.1 | 1437.3 | 1376.5 | 1238.5 | 1130.7 | 1113.4 |
| 22.5° | 1439.8 | 1355.0 | 1304.5 | 1310.9 | 1362.0 | 1458.1 | 1494.3 | 1377.3 | 1252.9 | 1231.2 |
| 25°   | 1533.5 | 1373.5 | 1273.7 | 1267.9 | 1320.4 | 1485.6 | 1602.0 | 1528.4 | 1397.5 | 1373.5 |
| 27.5° | 1651.3 | 1415.1 | 1267.4 | 1261.6 | 1305.8 | 1511.3 | 1691.5 | 1677.7 | 1549.7 | 1508.8 |
| 30°   | 1742.2 | 1456.0 | 1286.1 | 1272.8 | 1320.4 | 1529.1 | 1763.3 | 1804.4 | 1671.0 | 1643.9 |
| 32.5° | 1807.4 | 1504.3 | 1316.5 | 1297.3 | 1361.3 | 1559.9 | 1818.7 | 1920.5 | 1783.3 | 1742.2 |
| 35°   | 1857.0 | 1556.7 | 1365.6 | 1334.0 | 1417.6 | 1606.5 | 1870.7 | 2044.1 | 1902.7 | 1857.7 |
| 37.5° | 1903.5 | 1630.3 | 1442.4 | 1404.6 | 1505.8 | 1681.7 | 1925.6 | 2184.3 | 2036.2 | 1982.5 |
| 40°   | 1968.4 | 1713.7 | 1560.7 | 1527.2 | 1654.3 | 1784.1 | 1994.1 | 2330.4 | 2188.1 | 2120.7 |
| 42.5° | 2033.2 | 1803.2 | 1681.9 | 1691.0 | 1839.4 | 1908.6 | 2082.5 | 2485.0 | 2338.1 | 2266.1 |
| 45°   | 2092.5 | 1895.5 | 1854.4 | 1896.4 | 2011.2 | 2045.1 | 2170.5 | 2574.3 | 2457.9 | 2388.3 |
| 47.5° | 2145.3 | 2010.9 | 2025.9 | 2137.6 | 2206.7 | 2168.7 | 2236.2 | 2651.4 | 2547.0 | 2485.7 |
| 50°   | 2206.7 | 2160.2 | 2251.9 | 2410.0 | 2431.6 | 2280.6 | 2296.0 | 2742.6 | 2651.2 | 2601.9 |
| 52.5° | 2273.8 | 2317.5 | 2502.3 | 2641.6 | 2634.6 | 2402.1 | 2356.1 | 2844.9 | 2794.0 | 2747.7 |
| 55°   | 2350.0 | 2444.6 | 2722.7 | 2858.4 | 2852.4 | 2537.8 | 2455.8 | 2971.3 | 2973.0 | 2931.1 |
| 57.5° | 2463.1 | 2554.0 | 2872.3 | 3033.7 | 3043.7 | 2694.4 | 2624.6 | 3112.9 | 3134.9 | 3106.9 |
| 59°   | 2544.2 | 2625.0 | 2931.6 | 3106.9 | 3147.5 | 2815.5 | 2748.1 | 3195.0 | 3180.5 | 3155.0 |
| 60°   | 2604.4 | 2670.1 | 2961.0 | 3145.2 | 3207.8 | 2897.7 | 2839.1 | 3243.3 | 3186.0 | 3155.0 |
| 62.5° | 2753.1 | 2768.3 | 3013.9 | 3188.6 | 3277.2 | 3080.2 | 3095.4 | 3325.5 | 3148.4 | 3097.9 |
| 65°   | 2822.5 | 2830.4 | 3013.2 | 3111.0 | 3210.1 | 3222.3 | 3327.9 | 3327.9 | 3056.6 | 2979.0 |
| 67.5° | 2793.5 | 2755.6 | 2863.8 | 2853.6 | 2952.6 | 3137.9 | 3415.3 | 3205.9 | 2881.1 | 2780.7 |
| 70°   | 2557.5 | 2411.5 | 2363.5 | 2367.8 | 2443.5 | 2729.3 | 3242.2 | 2846.8 | 2548.9 | 2431.6 |
| 72.5° | 2128.0 | 1777.8 | 1659.1 | 1794.6 | 1814.4 | 2097.6 | 2763.1 | 2143.9 | 1879.8 | 1769.8 |
| 75°   | 1711.6 | 1253.2 | 1060.2 | 1203.2 | 1236.8 | 1535.0 | 2137.4 | 1335.2 | 1098.0 | 1012.3 |
| 77.5° | 1229.6 | 899.6  | 760.8  | 750.8  | 794.2  | 973.5  | 1516.7 | 672.0  | 560.4  | 523.0  |
| 80°   | 698.6  | 592.1  | 637.5  | 601.5  | 623.4  | 608.7  | 720.6  | 294.7  | 241.4  | 225.7  |
| 82.5° | 421.6  | 350.0  | 379.0  | 315.5  | 399.3  | 347.7  | 277.6  | 94.4   | 82.0   | 78.0   |
| 85°   | 274.3  | 191.2  | 99.6   | 66.8   | 137.6  | 222.2  | 62.1   | 25.7   | 19.8   | 15.7   |
| 87.5° | 94.6   | 48.8   | 4.9    | 2.1    | 14.7   | 41.4   | 2.3    | 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)