

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMARK

Report Number: P970020

Luminaire Tested: **NAV-SB6A-835-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P970020  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: NAV-SB6A-835-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(6) 80 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 19737.4 lumens  
Efficiency: N/A  
Efficacy: 115.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

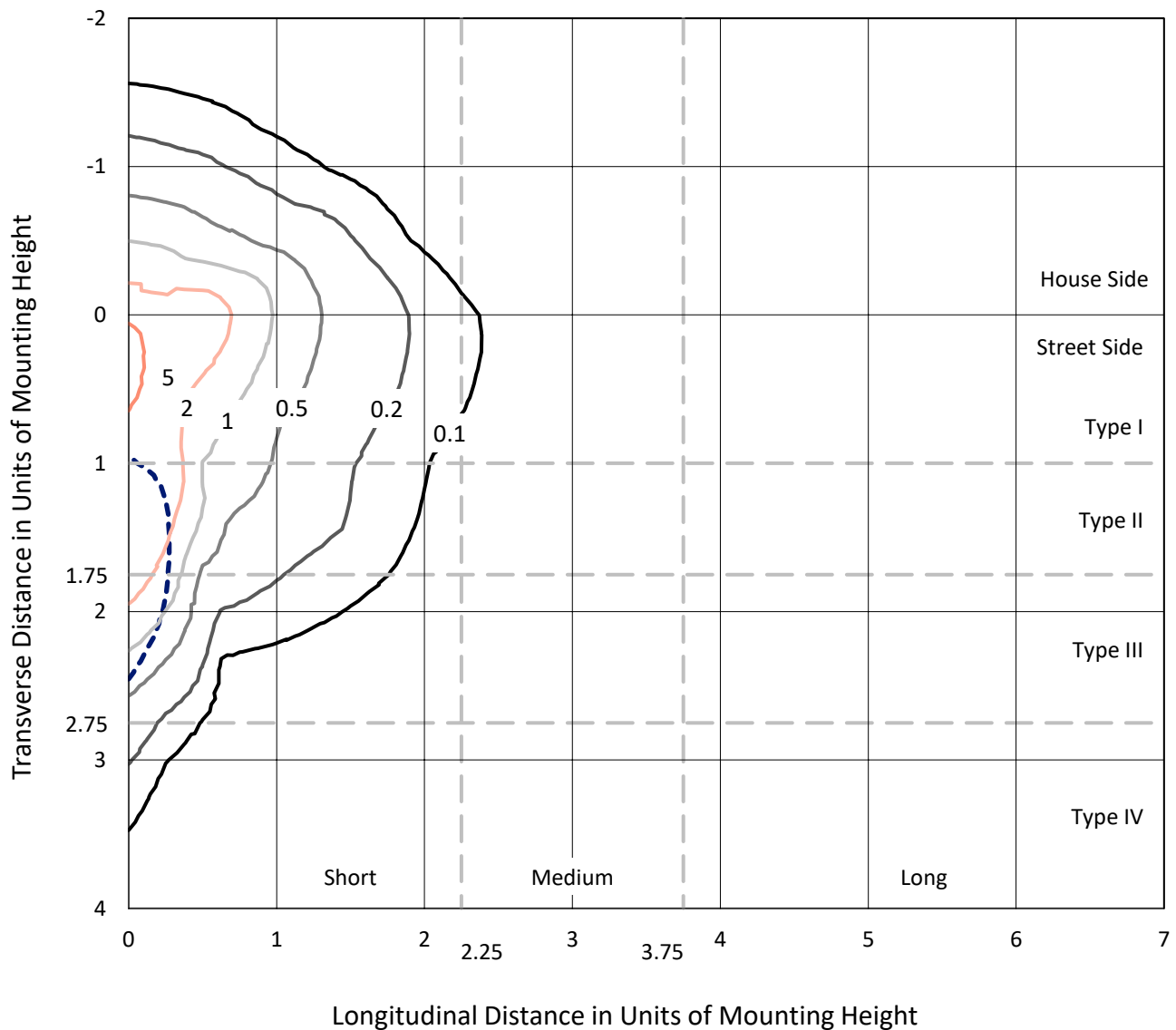
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P970020  
CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

## Iso-Footcandle Lines of Horizontal Illumination

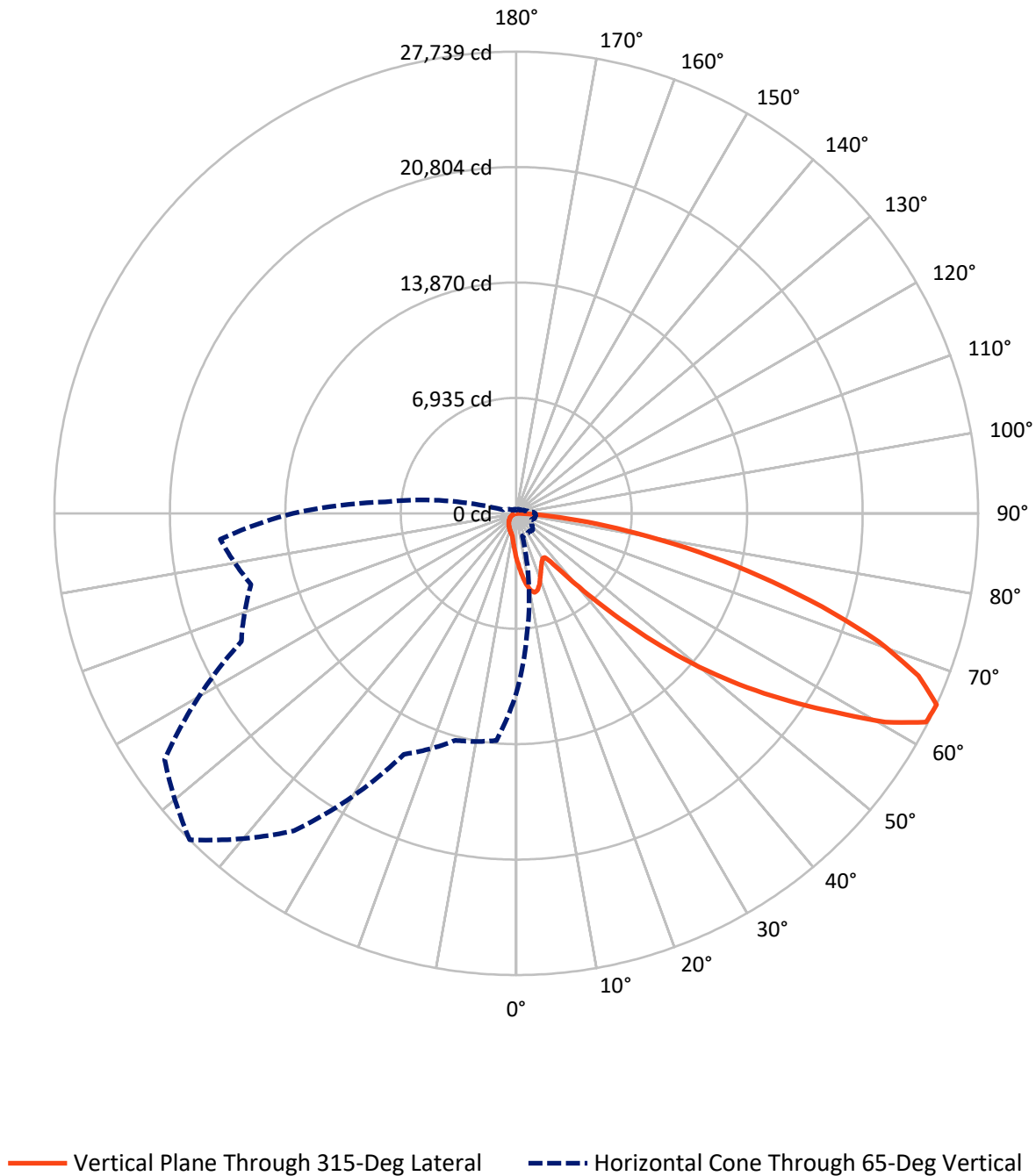
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc  
Type IV - Short - N/A

REPORT NUMBER: P970020  
CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

## Luminous Intensity Polar Plot



REPORT NUMBER: P970020

CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

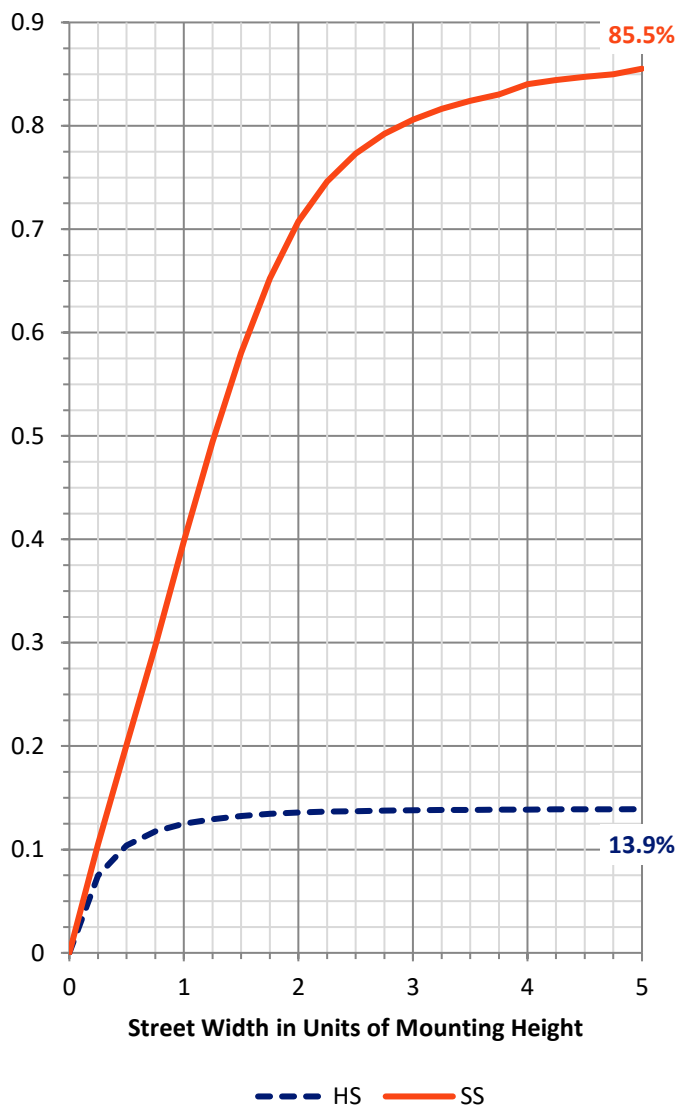
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2764.1   | 0.0    | 2764.1  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 16973.3  | 0.0    | 16973.3 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 19737.4  | 0.0    | 19737.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 269.1   | 1.4       |
| 10°-20°   | 806.6   | 4.1       |
| 20°-30°   | 1188.3  | 6.0       |
| 30°-40°   | 1526.6  | 7.7       |
| 40°-50°   | 2469.0  | 12.5      |
| 50°-60°   | 4329.6  | 21.9      |
| 60°-70°   | 5417.6  | 27.4      |
| 70°-80°   | 3165.8  | 16.0      |
| 80°-90°   | 564.8   | 2.9       |
| 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°    | 19737.4 | 100.0     |
| 0°-180°   | 19737.4 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P970020

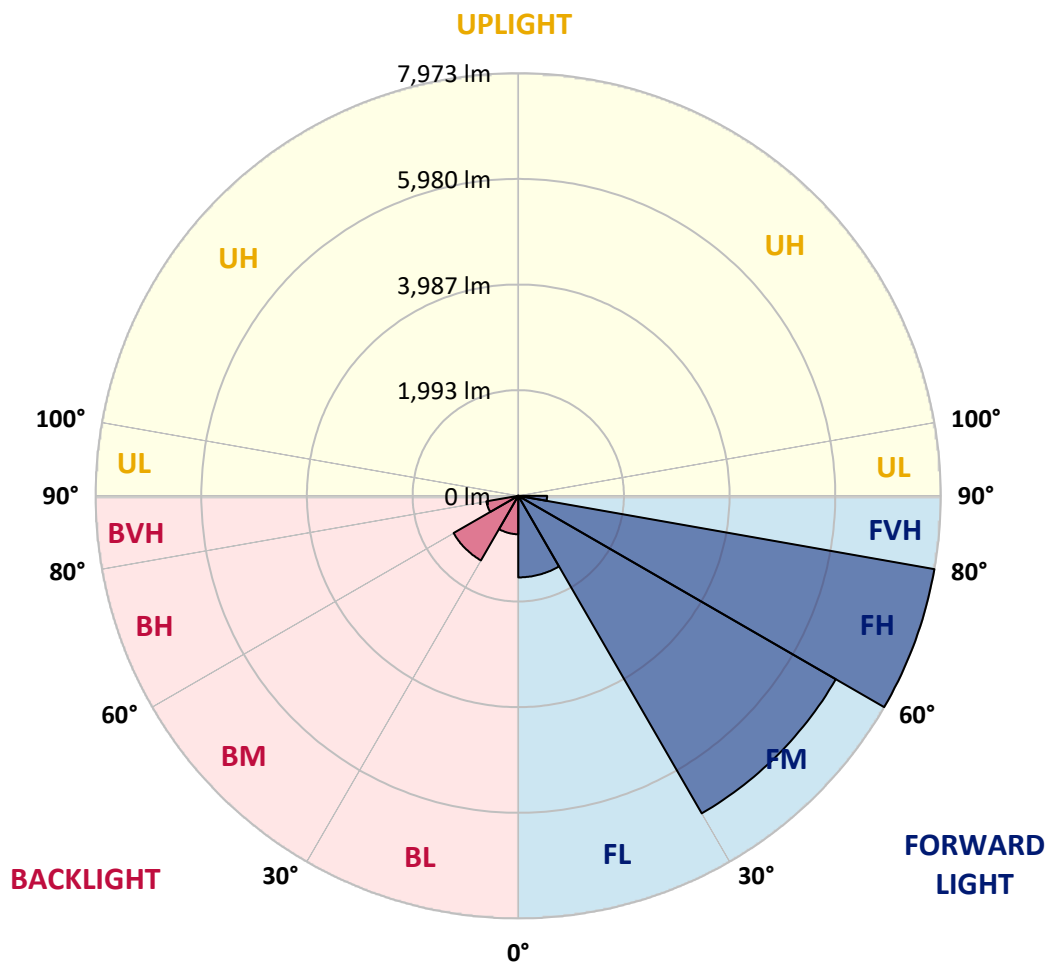
CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1539.4 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 6917.7 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 7973.0 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 543.1  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 724.5  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1407.5 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 610.3  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 21.7   | 0.1       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B2-U0-G4**

Type IV Short



REPORT NUMBER: P970020

CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2733.0  | 2733.0  | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 |
| 2.5°  | 3087.9  | 3034.8  | 3003.6 | 2926.1 | 2848.6 | 2786.1 | 2701.7 | 2645.9 | 2579.3 | 2515.5 | 2458.4 |
| 5°    | 3441.4  | 3355.7  | 3252.4 | 3111.0 | 2981.8 | 2849.9 | 2722.1 | 2595.7 | 2462.5 | 2340.1 | 2265.2 |
| 7.5°  | 3740.5  | 3616.8  | 3434.6 | 3247.0 | 3082.5 | 2923.4 | 2773.8 | 2606.6 | 2444.7 | 2253.1 | 2151.1 |
| 10°   | 3969.0  | 3811.3  | 3571.9 | 3325.8 | 3136.8 | 2976.4 | 2830.9 | 2689.5 | 2526.3 | 2295.2 | 2167.4 |
| 12.5° | 4107.7  | 3939.1  | 3654.8 | 3366.6 | 3150.4 | 2971.0 | 2858.1 | 2795.6 | 2731.6 | 2501.8 | 2352.3 |
| 15°   | 4209.7  | 4027.4  | 3713.4 | 3395.2 | 3119.2 | 2898.9 | 2816.0 | 2878.5 | 2951.9 | 2805.0 | 2632.4 |
| 17.5° | 4315.7  | 4124.0  | 3789.5 | 3407.4 | 3034.8 | 2758.8 | 2723.5 | 2885.3 | 3055.2 | 3048.5 | 2877.2 |
| 20°   | 4416.3  | 4226.0  | 3856.2 | 3399.2 | 2898.9 | 2588.8 | 2620.1 | 2826.8 | 3024.0 | 3106.9 | 3014.4 |
| 22.5° | 4531.8  | 4330.6  | 3920.0 | 3367.9 | 2722.1 | 2429.8 | 2527.6 | 2734.4 | 2907.0 | 3004.9 | 2976.4 |
| 25°   | 4673.3  | 4462.5  | 4009.8 | 3321.7 | 2531.8 | 2297.8 | 2433.9 | 2627.0 | 2767.0 | 2834.9 | 2833.6 |
| 27.5° | 4825.6  | 4620.3  | 4129.4 | 3297.3 | 2378.1 | 2204.1 | 2327.8 | 2499.2 | 2624.2 | 2671.8 | 2671.8 |
| 30°   | 5014.6  | 4803.9  | 4270.9 | 3270.1 | 2277.4 | 2149.7 | 2217.7 | 2350.9 | 2473.3 | 2520.9 | 2520.9 |
| 32.5° | 5221.2  | 5007.7  | 4406.8 | 3204.8 | 2216.4 | 2108.9 | 2110.3 | 2194.5 | 2306.0 | 2363.1 | 2371.3 |
| 35°   | 5479.5  | 5252.5  | 4552.2 | 3062.1 | 2167.4 | 2061.3 | 2005.5 | 2046.3 | 2138.8 | 2206.8 | 2224.5 |
| 37.5° | 5848.0  | 5573.4  | 4730.4 | 2858.1 | 2095.3 | 1987.9 | 1895.4 | 1905.0 | 1975.7 | 2050.4 | 2077.6 |
| 40°   | 6356.6  | 6004.4  | 4939.8 | 2645.9 | 1992.0 | 1884.6 | 1774.4 | 1770.4 | 1822.0 | 1895.4 | 1925.4 |
| 42.5° | 7044.6  | 6574.1  | 5191.3 | 2443.4 | 1892.7 | 1759.4 | 1646.6 | 1639.8 | 1680.6 | 1744.4 | 1775.8 |
| 45°   | 7952.9  | 7302.9  | 5499.9 | 2269.4 | 1815.2 | 1637.1 | 1525.6 | 1522.8 | 1556.9 | 1612.6 | 1645.2 |
| 47.5° | 9115.4  | 8315.9  | 5808.7 | 2151.1 | 1774.4 | 1540.6 | 1426.3 | 1431.7 | 1461.6 | 1512.0 | 1535.1 |
| 50°   | 10620.6 | 9636.2  | 5902.5 | 2091.2 | 1774.4 | 1488.9 | 1337.9 | 1365.1 | 1389.6 | 1427.7 | 1441.3 |
| 52.5° | 12424.9 | 10903.4 | 5592.4 | 2036.9 | 1785.2 | 1495.7 | 1263.2 | 1321.6 | 1339.3 | 1372.0 | 1377.4 |
| 55°   | 14097.3 | 11524.8 | 4807.9 | 1962.1 | 1788.0 | 1537.8 | 1199.2 | 1286.3 | 1318.9 | 1331.2 | 1329.8 |
| 57.5° | 15068.2 | 11311.4 | 3887.4 | 1835.6 | 1777.1 | 1566.4 | 1158.5 | 1242.8 | 1305.3 | 1313.4 | 1301.2 |
| 60°   | 14883.3 | 10562.1 | 2862.2 | 1739.0 | 1696.9 | 1555.5 | 1146.3 | 1176.2 | 1275.4 | 1287.6 | 1271.3 |
| 62.5° | 13458.4 | 9305.8  | 1986.6 | 1664.3 | 1520.2 | 1507.9 | 1142.2 | 1071.4 | 1210.1 | 1240.0 | 1217.0 |
| 65°   | 10817.7 | 7326.1  | 1403.2 | 1433.2 | 1332.5 | 1404.6 | 1120.4 | 962.7  | 1131.3 | 1172.1 | 1136.7 |
| 67.5° | 7848.2  | 4957.5  | 1013.0 | 1161.2 | 1207.4 | 1237.3 | 1071.4 | 883.8  | 1041.5 | 1095.9 | 1049.7 |
| 70°   | 5036.3  | 2677.3  | 711.1  | 766.9  | 1017.0 | 1051.0 | 987.2  | 813.1  | 950.4  | 1013.0 | 962.7  |
| 72.5° | 3580.1  | 1581.4  | 511.3  | 537.1  | 817.1  | 875.7  | 868.9  | 734.2  | 844.4  | 920.6  | 860.7  |
| 75°   | 2470.6  | 871.6   | 345.3  | 383.5  | 592.9  | 711.1  | 670.3  | 630.9  | 715.2  | 792.7  | 734.2  |
| 77.5° | 1548.7  | 390.2   | 206.6  | 266.5  | 388.9  | 558.8  | 459.6  | 488.1  | 557.5  | 629.6  | 568.4  |
| 80°   | 862.0   | 150.9   | 115.6  | 176.7  | 212.1  | 406.5  | 254.3  | 314.1  | 410.6  | 462.3  | 413.4  |
| 82.5° | 187.7   | 19.1    | 51.7   | 76.2   | 82.9   | 236.6  | 134.6  | 182.2  | 258.3  | 254.3  | 220.3  |
| 85°   | 0.0     | 0.0     | 9.5    | 10.9   | 5.4    | 102.0  | 49.0   | 59.9   | 84.3   | 78.8   | 59.9   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 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: P970020

CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 |
| 2.5°  | 2447.5 | 2380.9 | 2331.9 | 2307.4 | 2287.0 | 2306.0 | 2316.9 | 2316.9 | 2363.1 | 2390.4 | 2401.3 |
| 5°    | 2217.7 | 2098.0 | 2007.0 | 1945.8 | 1909.1 | 1921.3 | 1934.9 | 1949.9 | 2008.3 | 2047.7 | 2073.6 |
| 7.5°  | 2058.6 | 1875.0 | 1736.4 | 1650.7 | 1605.8 | 1612.6 | 1622.2 | 1634.4 | 1691.5 | 1730.9 | 1764.8 |
| 10°   | 2028.7 | 1764.8 | 1569.1 | 1456.2 | 1401.9 | 1392.4 | 1386.9 | 1382.8 | 1416.9 | 1446.7 | 1473.9 |
| 12.5° | 2151.1 | 1770.4 | 1497.0 | 1359.7 | 1293.0 | 1264.5 | 1231.8 | 1206.0 | 1211.4 | 1230.5 | 1264.5 |
| 15°   | 2370.0 | 1839.7 | 1473.9 | 1309.4 | 1226.4 | 1178.9 | 1140.8 | 1109.6 | 1102.7 | 1109.6 | 1115.0 |
| 17.5° | 2620.1 | 1933.5 | 1471.2 | 1265.9 | 1162.6 | 1113.6 | 1082.3 | 1053.8 | 1044.3 | 1045.6 | 1052.4 |
| 20°   | 2786.1 | 2008.3 | 1463.1 | 1217.0 | 1101.4 | 1057.8 | 1030.6 | 1002.1 | 992.6  | 995.3  | 996.7  |
| 22.5° | 2802.4 | 2047.7 | 1450.8 | 1162.6 | 1040.2 | 1003.5 | 976.3  | 950.4  | 949.0  | 949.0  | 957.2  |
| 25°   | 2714.0 | 2047.7 | 1425.0 | 1113.6 | 981.7  | 949.0  | 924.6  | 893.3  | 898.7  | 901.5  | 912.4  |
| 27.5° | 2576.6 | 1998.7 | 1376.1 | 1074.2 | 931.4  | 897.4  | 872.9  | 844.4  | 851.2  | 855.3  | 867.5  |
| 30°   | 2440.6 | 1936.2 | 1317.5 | 1029.3 | 883.8  | 844.4  | 826.7  | 802.3  | 804.9  | 810.4  | 824.0  |
| 32.5° | 2314.2 | 1869.6 | 1248.2 | 992.6  | 836.2  | 796.8  | 783.2  | 756.0  | 760.0  | 765.5  | 780.4  |
| 35°   | 2189.1 | 1796.2 | 1166.7 | 949.0  | 792.7  | 753.3  | 742.4  | 711.1  | 713.8  | 722.0  | 738.3  |
| 37.5° | 2054.5 | 1718.6 | 1100.0 | 905.6  | 750.5  | 709.8  | 698.8  | 666.2  | 669.0  | 678.4  | 697.5  |
| 40°   | 1913.1 | 1642.6 | 1034.7 | 859.4  | 705.7  | 664.9  | 655.4  | 620.0  | 622.8  | 633.7  | 654.1  |
| 42.5° | 1770.4 | 1559.5 | 984.4  | 799.5  | 659.5  | 615.9  | 606.4  | 573.8  | 577.9  | 590.1  | 610.5  |
| 45°   | 1638.5 | 1460.3 | 951.8  | 732.9  | 615.9  | 567.0  | 557.5  | 527.6  | 535.8  | 549.3  | 569.7  |
| 47.5° | 1525.6 | 1358.3 | 938.2  | 677.1  | 569.7  | 516.7  | 508.5  | 484.0  | 497.6  | 512.6  | 528.9  |
| 50°   | 1429.1 | 1260.4 | 920.6  | 620.0  | 526.2  | 473.1  | 465.0  | 448.7  | 466.4  | 481.3  | 496.3  |
| 52.5° | 1359.7 | 1148.9 | 882.4  | 568.4  | 488.1  | 436.4  | 433.8  | 425.6  | 441.9  | 455.5  | 469.1  |
| 55°   | 1299.9 | 1033.4 | 821.2  | 523.5  | 454.2  | 405.2  | 408.0  | 403.8  | 417.4  | 428.3  | 440.5  |
| 57.5° | 1245.5 | 932.7  | 743.7  | 488.1  | 417.4  | 378.0  | 386.1  | 380.7  | 387.6  | 394.3  | 409.3  |
| 60°   | 1180.2 | 830.8  | 651.3  | 448.7  | 373.9  | 350.8  | 360.3  | 345.3  | 344.0  | 346.8  | 350.8  |
| 62.5° | 1083.7 | 693.4  | 554.7  | 399.7  | 335.9  | 320.9  | 324.9  | 296.4  | 274.7  | 274.7  | 278.7  |
| 65°   | 949.0  | 557.5  | 465.0  | 345.3  | 292.3  | 280.1  | 277.4  | 236.6  | 206.6  | 204.0  | 216.2  |
| 67.5° | 792.7  | 458.2  | 386.1  | 291.0  | 243.4  | 235.2  | 237.9  | 208.1  | 178.1  | 175.4  | 189.0  |
| 70°   | 645.9  | 379.4  | 311.4  | 232.5  | 187.7  | 195.8  | 208.1  | 178.1  | 149.5  | 145.4  | 157.7  |
| 72.5° | 524.8  | 301.9  | 243.4  | 178.1  | 138.7  | 161.8  | 176.7  | 145.4  | 118.3  | 115.6  | 126.5  |
| 75°   | 405.2  | 221.6  | 174.0  | 121.1  | 100.7  | 125.0  | 138.7  | 106.1  | 84.3   | 80.3   | 89.8   |
| 77.5° | 270.6  | 137.4  | 97.9   | 76.2   | 59.9   | 85.7   | 92.5   | 55.8   | 49.0   | 47.6   | 54.4   |
| 80°   | 164.5  | 63.9   | 42.1   | 36.7   | 20.4   | 31.3   | 36.7   | 23.2   | 25.8   | 27.2   | 32.6   |
| 82.5° | 82.9   | 17.6   | 6.8    | 1.3    | 0.0    | 0.0    | 10.9   | 5.4    | 10.9   | 13.6   | 20.4   |
| 85°   | 6.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 6.8    | 12.2   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.4    |
| 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: P970020

CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°    | 275°    | 285°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0 | 2733.0  | 2733.0  | 2733.0  |
| 2.5°  | 2477.4 | 2534.5 | 2588.8 | 2675.9 | 2765.7 | 2854.0 | 2943.8 | 3030.8 | 3062.1  | 3085.1  | 3136.8  |
| 5°    | 2191.9 | 2299.3 | 2424.3 | 2597.0 | 2782.0 | 2972.3 | 3165.4 | 3342.1 | 3422.4  | 3476.8  | 3599.1  |
| 7.5°  | 1896.8 | 2036.9 | 2216.4 | 2476.0 | 2765.7 | 3068.8 | 3372.0 | 3650.8 | 3780.0  | 3884.6  | 4071.0  |
| 10°   | 1604.4 | 1756.7 | 1983.8 | 2280.2 | 2671.8 | 3106.9 | 3525.7 | 3909.1 | 4076.4  | 4208.2  | 4461.2  |
| 12.5° | 1347.5 | 1490.2 | 1728.2 | 2055.8 | 2525.0 | 3077.0 | 3614.0 | 4075.0 | 4272.2  | 4420.4  | 4697.8  |
| 15°   | 1166.7 | 1267.2 | 1477.9 | 1831.5 | 2350.9 | 2980.5 | 3619.5 | 4153.9 | 4370.1  | 4525.1  | 4765.7  |
| 17.5° | 1066.0 | 1100.0 | 1237.3 | 1603.1 | 2157.8 | 2854.0 | 3569.3 | 4181.1 | 4412.2  | 4556.3  | 4723.6  |
| 20°   | 1011.6 | 1017.0 | 1055.1 | 1306.7 | 1910.4 | 2735.7 | 3521.6 | 4208.2 | 4451.7  | 4572.6  | 4623.0  |
| 22.5° | 968.1  | 968.1  | 977.6  | 1068.8 | 1590.8 | 2594.3 | 3506.6 | 4255.9 | 4506.0  | 4580.8  | 4477.5  |
| 25°   | 928.6  | 928.6  | 931.4  | 955.9  | 1260.4 | 2378.1 | 3497.2 | 4329.3 | 4580.8  | 4601.2  | 4317.1  |
| 27.5° | 887.9  | 889.3  | 889.3  | 902.8  | 1015.7 | 2084.4 | 3456.4 | 4424.5 | 4670.6  | 4628.4  | 4163.4  |
| 30°   | 847.1  | 849.8  | 849.8  | 859.4  | 898.7  | 1740.4 | 3376.1 | 4538.7 | 4787.5  | 4663.8  | 4011.1  |
| 32.5° | 806.3  | 809.0  | 809.0  | 817.1  | 845.7  | 1389.6 | 3275.5 | 4643.4 | 4905.8  | 4678.7  | 3869.7  |
| 35°   | 764.1  | 768.2  | 765.5  | 776.4  | 806.3  | 1105.5 | 3147.7 | 4748.1 | 5033.6  | 4726.3  | 3800.4  |
| 37.5° | 722.0  | 724.7  | 723.3  | 734.2  | 768.2  | 954.5  | 2999.5 | 4826.9 | 5207.6  | 4832.4  | 3883.3  |
| 40°   | 679.9  | 678.4  | 678.4  | 690.7  | 727.4  | 911.0  | 2813.2 | 4952.0 | 5457.8  | 5018.6  | 4244.9  |
| 42.5° | 636.3  | 636.3  | 633.7  | 647.2  | 692.1  | 878.3  | 2635.1 | 5176.4 | 5822.2  | 5315.0  | 4886.8  |
| 45°   | 596.9  | 595.5  | 590.1  | 602.4  | 658.0  | 821.2  | 2572.5 | 5595.2 | 6360.6  | 5795.0  | 5663.1  |
| 47.5° | 558.8  | 557.5  | 543.9  | 554.7  | 617.3  | 769.6  | 2806.4 | 6280.5 | 7107.1  | 6500.8  | 6390.6  |
| 50°   | 524.8  | 526.2  | 500.4  | 509.9  | 576.6  | 730.2  | 3313.6 | 7169.7 | 8098.4  | 7451.1  | 7080.0  |
| 52.5° | 493.5  | 493.5  | 459.6  | 465.0  | 526.2  | 694.8  | 3796.3 | 8133.7 | 9406.4  | 8776.9  | 7883.6  |
| 55°   | 462.3  | 459.6  | 421.5  | 424.2  | 475.9  | 644.5  | 3868.3 | 9074.6 | 11190.3 | 10771.5 | 8982.2  |
| 57.5° | 426.9  | 421.5  | 386.1  | 386.1  | 429.7  | 607.8  | 3353.0 | 9798.0 | 13403.9 | 13703.0 | 10566.2 |
| 60°   | 383.5  | 379.4  | 356.3  | 349.4  | 393.0  | 640.4  | 2365.9 | 9882.3 | 14831.6 | 17601.3 | 13599.7 |
| 62.5° | 327.7  | 333.1  | 320.9  | 311.4  | 357.6  | 664.9  | 1401.9 | 9203.8 | 14486.2 | 18841.3 | 17232.8 |
| 65°   | 258.3  | 280.1  | 277.4  | 270.6  | 393.0  | 560.2  | 828.1  | 7901.2 | 13427.1 | 17840.6 | 16491.8 |
| 67.5° | 220.3  | 235.2  | 231.1  | 231.1  | 411.9  | 425.6  | 520.8  | 6173.1 | 11969.4 | 16653.6 | 14731.0 |
| 70°   | 187.7  | 202.6  | 187.7  | 187.7  | 311.4  | 258.3  | 360.3  | 4310.2 | 10396.3 | 15340.1 | 13575.2 |
| 72.5° | 155.0  | 169.9  | 153.6  | 142.8  | 248.9  | 193.1  | 263.7  | 2693.6 | 8903.4  | 13972.3 | 12783.9 |
| 75°   | 118.3  | 136.0  | 123.7  | 110.1  | 164.5  | 144.1  | 199.9  | 1565.0 | 7376.4  | 11954.5 | 11656.7 |
| 77.5° | 74.8   | 97.9   | 92.5   | 77.5   | 121.1  | 104.7  | 144.1  | 931.4  | 5691.7  | 9341.1  | 10026.4 |
| 80°   | 46.2   | 50.3   | 51.7   | 49.0   | 69.4   | 70.7   | 97.9   | 530.2  | 3895.5  | 6510.3  | 7833.3  |
| 82.5° | 29.9   | 29.9   | 23.2   | 25.8   | 34.0   | 40.8   | 55.8   | 199.9  | 2289.7  | 3963.6  | 5452.4  |
| 85°   | 21.7   | 19.1   | 12.2   | 12.2   | 16.3   | 20.4   | 21.7   | 61.2   | 928.6   | 1565.0  | 2132.0  |
| 87.5° | 10.9   | 9.5    | 4.1    | 5.4    | 8.2    | 6.8    | 5.4    | 2.8    | 233.9   | 500.4   | 350.8   |
| 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: P970020

CATALOG NUMBER: NAV-SB6A-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2733.0  | 2733.0  | 2733.0  | 2733.0  | 2733.0  | 2733.0  | 2733.0  | 2733.0  |
| 2.5°  | 3164.1  | 3206.2  | 3208.9  | 3208.9  | 3172.2  | 3170.8  | 3096.0  | 3087.9  |
| 5°    | 3725.6  | 3752.7  | 3759.6  | 3746.0  | 3672.6  | 3618.1  | 3472.7  | 3441.4  |
| 7.5°  | 4239.5  | 4293.9  | 4293.9  | 4261.3  | 4141.6  | 4030.2  | 3819.4  | 3740.5  |
| 10°   | 4650.2  | 4712.7  | 4699.1  | 4632.5  | 4481.6  | 4328.0  | 4072.3  | 3969.0  |
| 12.5° | 4850.1  | 4914.0  | 4878.6  | 4802.4  | 4655.7  | 4493.8  | 4224.6  | 4107.7  |
| 15°   | 4846.0  | 4828.3  | 4791.6  | 4782.0  | 4711.4  | 4589.0  | 4337.5  | 4209.7  |
| 17.5° | 4673.3  | 4523.7  | 4495.1  | 4590.4  | 4680.0  | 4650.2  | 4435.4  | 4315.7  |
| 20°   | 4400.0  | 4139.0  | 4113.1  | 4295.3  | 4550.9  | 4681.5  | 4526.4  | 4416.3  |
| 22.5° | 4111.7  | 3830.3  | 3770.5  | 3971.7  | 4356.5  | 4691.0  | 4642.0  | 4531.8  |
| 25°   | 3838.4  | 3555.6  | 3495.8  | 3683.4  | 4140.3  | 4674.6  | 4767.1  | 4673.3  |
| 27.5° | 3610.0  | 3336.7  | 3280.9  | 3468.6  | 3932.2  | 4628.4  | 4892.2  | 4825.6  |
| 30°   | 3433.2  | 3180.4  | 3139.6  | 3320.4  | 3752.7  | 4571.3  | 5051.3  | 5014.6  |
| 32.5° | 3329.9  | 3145.0  | 3160.0  | 3308.2  | 3656.3  | 4508.8  | 5203.6  | 5221.2  |
| 35°   | 3431.9  | 3440.0  | 3570.6  | 3631.8  | 3746.0  | 4499.2  | 5410.3  | 5479.5  |
| 37.5° | 3939.1  | 4221.9  | 4492.5  | 4442.1  | 4185.2  | 4609.4  | 5718.9  | 5848.0  |
| 40°   | 4802.4  | 5383.1  | 5822.2  | 5630.5  | 4983.3  | 4946.5  | 6163.5  | 6356.6  |
| 42.5° | 5857.6  | 6842.0  | 7565.4  | 7051.4  | 6012.5  | 5536.7  | 6798.5  | 7044.6  |
| 45°   | 6971.2  | 8640.9  | 9780.3  | 8711.6  | 7109.9  | 6363.4  | 7759.8  | 7952.9  |
| 47.5° | 8144.6  | 10827.3 | 12301.2 | 10552.7 | 8126.9  | 7304.4  | 9070.5  | 9115.4  |
| 50°   | 9428.2  | 13224.4 | 14871.0 | 12392.4 | 9108.7  | 8382.6  | 10672.3 | 10620.6 |
| 52.5° | 10650.6 | 15689.6 | 17386.5 | 14240.1 | 9970.7  | 9720.5  | 12531.0 | 12424.9 |
| 55°   | 11817.1 | 18153.4 | 19916.9 | 16015.9 | 10783.8 | 11488.1 | 14739.2 | 14097.3 |
| 57.5° | 13170.0 | 20368.3 | 22524.8 | 17799.8 | 11920.5 | 13783.3 | 17208.4 | 15068.2 |
| 60°   | 15170.2 | 22885.1 | 25474.0 | 20244.6 | 14082.4 | 16195.4 | 18093.5 | 14883.3 |
| 62.5° | 17723.7 | 25199.3 | 27618.2 | 22640.4 | 16253.8 | 16649.5 | 16789.6 | 13458.4 |
| 65°   | 18220.0 | 25785.4 | 27739.3 | 23280.8 | 15973.8 | 14123.2 | 13707.1 | 10817.7 |
| 67.5° | 16903.8 | 24726.2 | 26047.8 | 22088.3 | 14130.0 | 10914.3 | 10286.2 | 7848.2  |
| 70°   | 15427.2 | 22707.0 | 23099.9 | 20061.0 | 12427.7 | 8027.7  | 6946.7  | 5036.3  |
| 72.5° | 13913.9 | 20013.4 | 19200.3 | 17421.8 | 10922.5 | 5845.4  | 5010.5  | 3580.1  |
| 75°   | 12116.3 | 16471.4 | 15124.0 | 14475.4 | 9043.4  | 4587.6  | 3624.9  | 2470.6  |
| 77.5° | 9702.9  | 11594.2 | 11233.9 | 11220.3 | 6795.7  | 3351.6  | 2418.9  | 1548.7  |
| 80°   | 6844.7  | 7524.6  | 7341.0  | 8450.5  | 4559.1  | 2431.1  | 1456.2  | 862.0   |
| 82.5° | 3313.6  | 4160.7  | 4270.9  | 5032.2  | 2217.7  | 1430.4  | 335.9   | 187.7   |
| 85°   | 1297.1  | 2007.0  | 1692.8  | 1910.4  | 622.8   | 398.4   | 8.2     | 0.0     |
| 87.5° | 145.4   | 232.5   | 213.5   | 168.6   | 76.2    | 16.3    | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)