

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: STREETWORKS

Report Number: P691615

Luminaire Tested: **CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691615  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC AND SR REFRACTOR WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

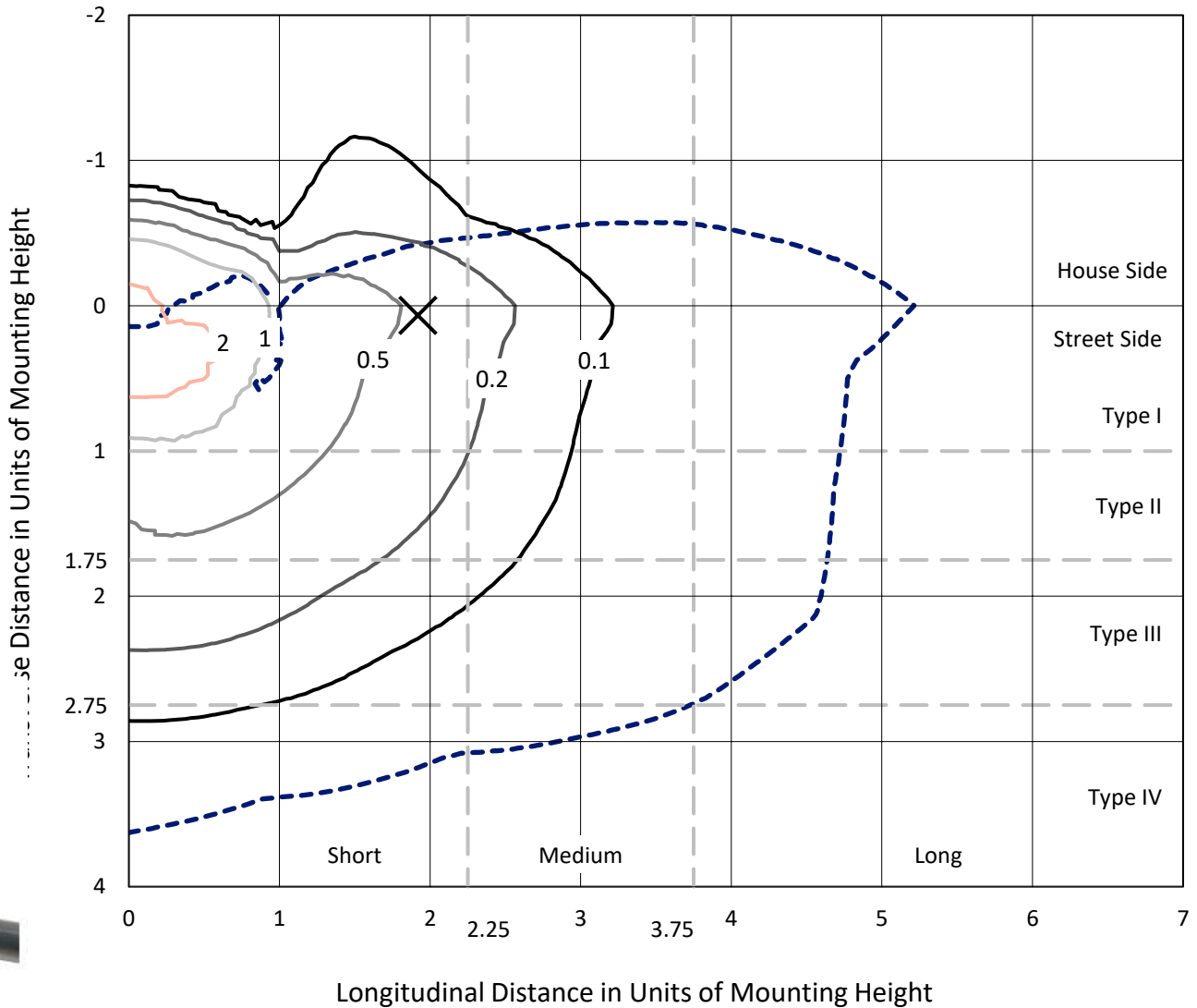
Lumens per Lamp: N/A  
Luminaire Lumens: 6965 lumens  
Efficiency: N/A  
Efficacy: 129.7 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U3 - G2  
  
Input Watts (W): 53.7  
Input Voltage (V): NR  
Input Current (Ain): 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: P691615  
 CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

### Iso-Footcandle Lines of Horizontal Illumination

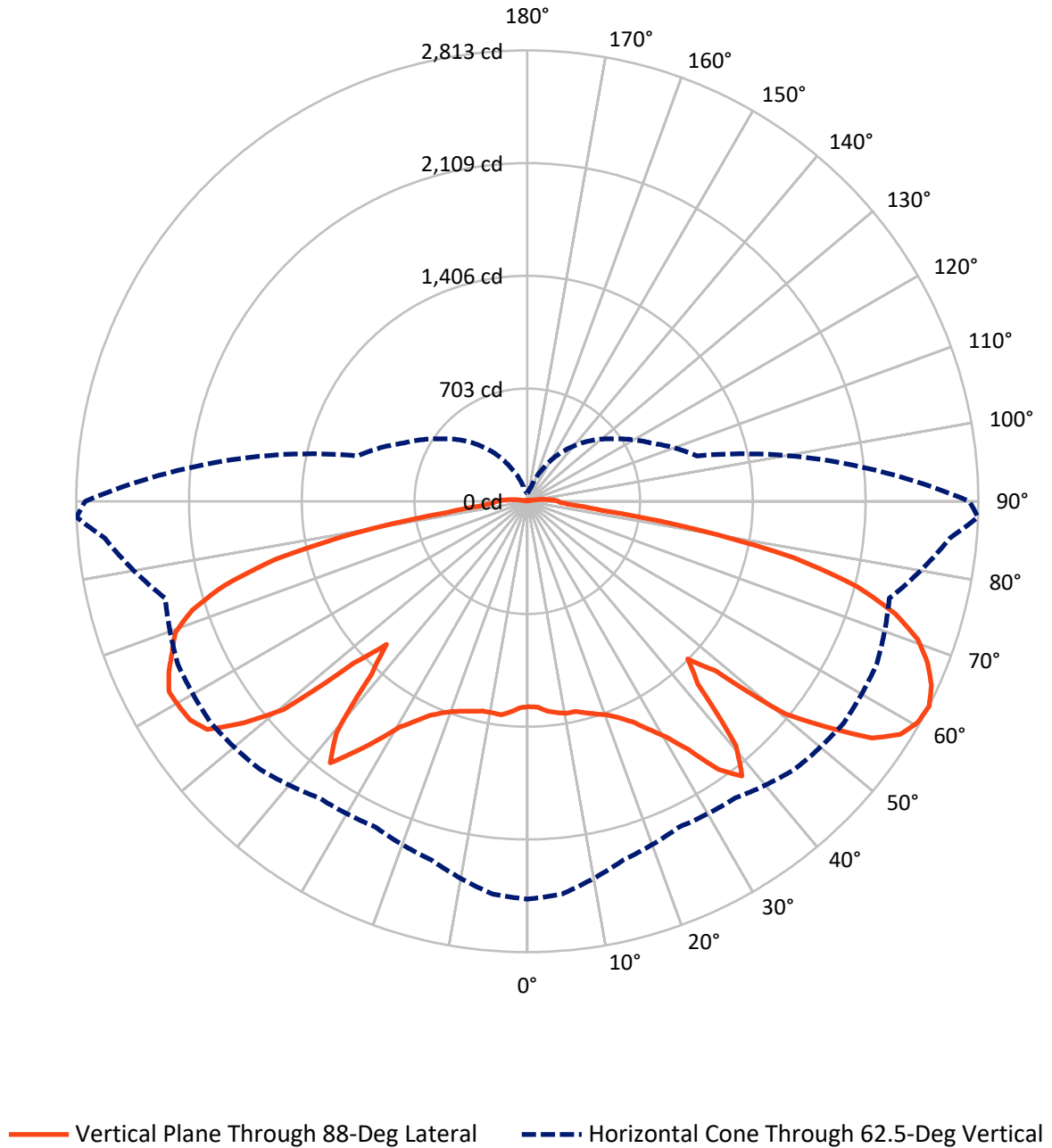
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P691615  
CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

### Luminous Intensity Polar Plot



REPORT NUMBER: P691615

CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

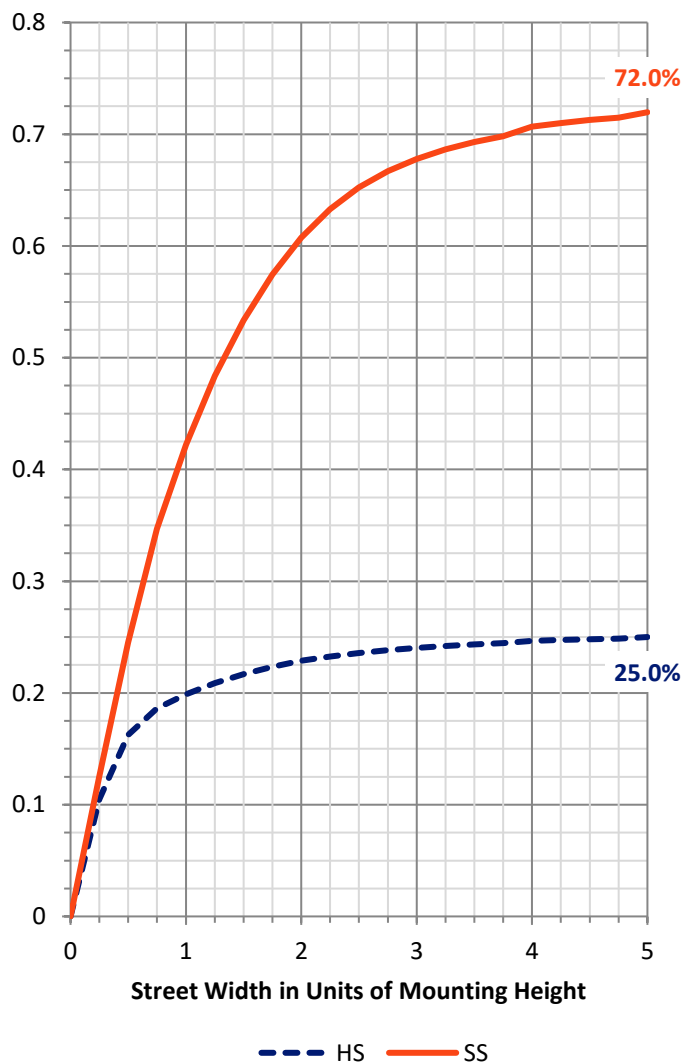
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1771.9   | 33.4   | 1805.3 |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 5077.3   | 82.3   | 5159.6 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 6849.3   | 115.7  | 6965.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 126.2  | 1.8       |
| 10°-20°   | 385.4  | 5.5       |
| 20°-30°   | 652.8  | 9.4       |
| 30°-40°   | 901.1  | 12.9      |
| 40°-50°   | 779.3  | 11.2      |
| 50°-60°   | 1128.3 | 16.2      |
| 60°-70°   | 1476.9 | 21.2      |
| 70°-80°   | 1119.8 | 16.1      |
| 80°-90°   | 279.4  | 4.0       |
| 90°-100°  | 82.2   | 1.2       |
| 100°-110° | 19.1   | 0.3       |
| 110°-120° | 8.5    | 0.1       |
| 120°-130° | 5.5    | 0.1       |
| 130°-140° | 0.5    | 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°    | 6849.3 | 98.3      |
| 0°-180°   | 6965.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P691615

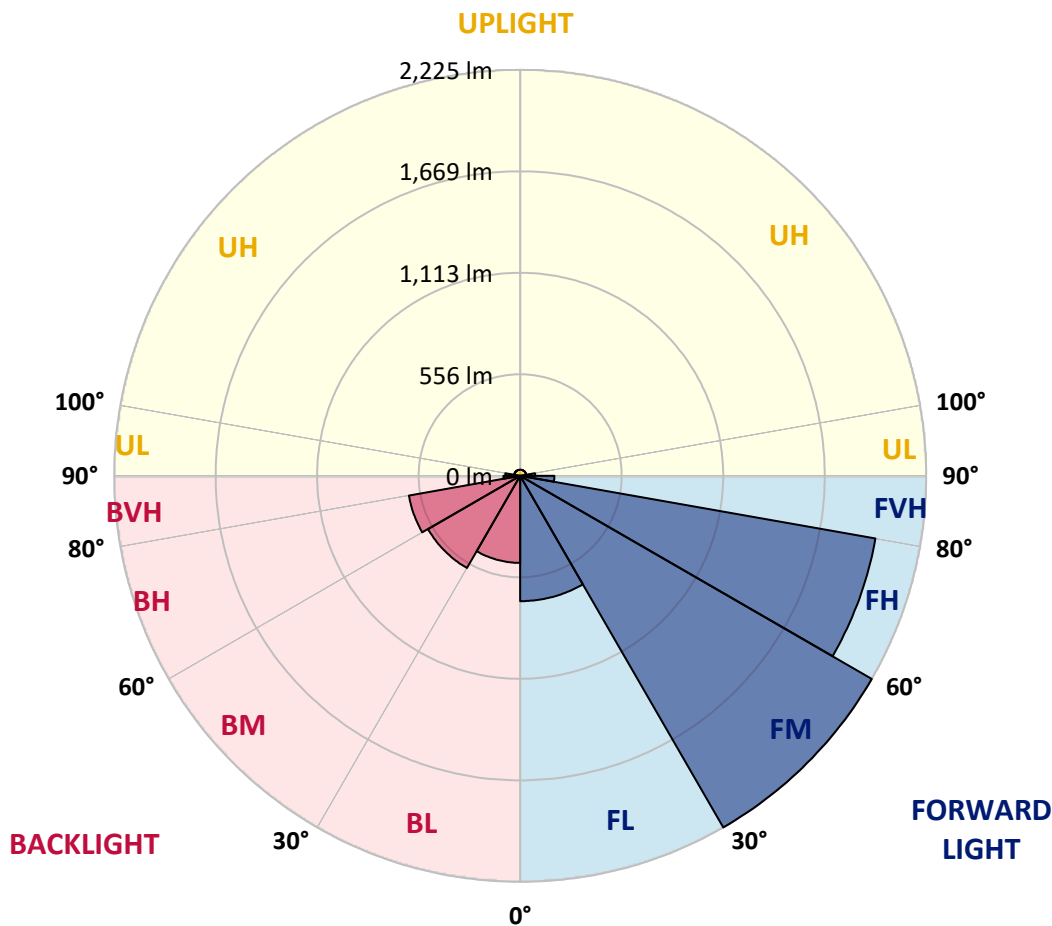
CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 687.2  | 9.9       |                         |        |         |
| FM (30°-60°)   | 2225.3 | 31.9      |                         |        |         |
| FH (60°-80°)   | 1977.2 | 28.4      |                         |        | G2/5000 |
| FVH (80°-90°)  | 187.6  | 2.7       |                         |        | G2/225  |
| BL (0°-30°)    | 477.3  | 6.9       | B1/500                  |        |         |
| BM (30°-60°)   | 583.4  | 8.4       | B1/1000                 |        |         |
| BH (60°-80°)   | 619.5  | 8.9       | B2/1000                 |        | G2/1000 |
| BVH (80°-90°)  | 91.7   | 1.3       |                         |        | G1/100  |
| UL (90°-100°)  | 82.2   | 1.2       |                         | U3/500 |         |
| UH (100°-180°) | 33.6   | 0.5       |                         | U2/50  |         |

**BUG Rating: B2-U3-G2**

Type IV Short





REPORT NUMBER: P691615

CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 |
| 2.5°   | 1267.5 | 1267.5 | 1264.8 | 1267.5 | 1272.8 | 1278.2 | 1272.8 | 1275.5 | 1278.2 | 1283.5 | 1286.2 |
| 5°     | 1315.5 | 1312.9 | 1307.5 | 1302.2 | 1296.8 | 1296.8 | 1291.5 | 1288.8 | 1294.2 | 1310.2 | 1315.5 |
| 7.5°   | 1355.6 | 1347.5 | 1342.2 | 1344.9 | 1336.9 | 1323.5 | 1312.9 | 1307.5 | 1302.2 | 1323.5 | 1331.5 |
| 10°    | 1419.6 | 1414.3 | 1395.6 | 1379.6 | 1368.9 | 1347.5 | 1323.5 | 1320.9 | 1318.2 | 1339.5 | 1344.9 |
| 12.5°  | 1483.6 | 1478.3 | 1467.6 | 1451.6 | 1416.9 | 1398.2 | 1360.9 | 1344.9 | 1342.2 | 1355.6 | 1344.9 |
| 15°    | 1577.0 | 1566.4 | 1537.0 | 1521.0 | 1486.3 | 1457.0 | 1411.6 | 1387.6 | 1392.9 | 1374.2 | 1368.9 |
| 17.5°  | 1630.4 | 1625.1 | 1622.4 | 1598.4 | 1571.7 | 1521.0 | 1478.3 | 1443.6 | 1454.3 | 1411.6 | 1395.6 |
| 20°    | 1689.1 | 1686.4 | 1691.8 | 1694.4 | 1659.8 | 1614.4 | 1561.0 | 1507.7 | 1510.3 | 1454.3 | 1422.3 |
| 22.5°  | 1763.8 | 1755.8 | 1766.5 | 1779.8 | 1750.5 | 1713.1 | 1643.7 | 1601.0 | 1579.7 | 1505.0 | 1467.6 |
| 25°    | 1851.9 | 1849.2 | 1849.2 | 1873.2 | 1867.9 | 1817.2 | 1750.5 | 1702.4 | 1681.1 | 1579.7 | 1523.7 |
| 27.5°  | 1942.6 | 1945.3 | 1950.6 | 1966.6 | 1974.6 | 1945.3 | 1881.2 | 1838.5 | 1798.5 | 1665.1 | 1609.1 |
| 30°    | 2001.3 | 2001.3 | 2038.7 | 2062.7 | 2073.4 | 2073.4 | 1996.0 | 1963.9 | 1923.9 | 1774.5 | 1705.1 |
| 32.5°  | 2073.4 | 2078.7 | 2113.4 | 2153.4 | 2169.4 | 2190.8 | 2126.7 | 2102.7 | 2068.0 | 1910.6 | 1846.5 |
| 35°    | 2124.1 | 2132.1 | 2185.4 | 2246.8 | 2289.5 | 2300.2 | 2262.8 | 2273.5 | 2257.5 | 2089.4 | 2054.7 |
| 37.5°  | 1902.6 | 1923.9 | 2004.0 | 2124.1 | 2238.8 | 2350.9 | 2390.9 | 2444.3 | 2452.3 | 2257.5 | 2174.8 |
| 40°    | 1657.1 | 1665.1 | 1755.8 | 1843.9 | 1985.3 | 2076.0 | 2177.4 | 2294.8 | 2230.8 | 2020.0 | 2004.0 |
| 42.5°  | 1470.3 | 1505.0 | 1630.4 | 1697.1 | 1806.5 | 1827.9 | 1777.2 | 1702.4 | 1587.7 | 1569.0 | 1561.0 |
| 45°    | 1438.3 | 1473.0 | 1598.4 | 1707.8 | 1761.2 | 1499.6 | 1358.2 | 1259.5 | 1304.9 | 1416.9 | 1403.6 |
| 47.5°  | 1587.7 | 1630.4 | 1761.2 | 1886.6 | 1777.2 | 1486.3 | 1392.9 | 1390.2 | 1352.9 | 1545.0 | 1579.7 |
| 50°    | 1678.4 | 1713.1 | 1865.2 | 1862.6 | 1774.5 | 1633.1 | 1683.8 | 1627.7 | 1561.0 | 1889.2 | 2084.0 |
| 52.5°  | 1723.8 | 1755.8 | 1809.2 | 1875.9 | 1883.9 | 1873.2 | 1886.6 | 1841.2 | 1739.8 | 2193.4 | 2340.2 |
| 55°    | 1598.4 | 1678.4 | 1910.6 | 2025.3 | 2073.4 | 2044.0 | 2052.0 | 2020.0 | 1953.3 | 2382.9 | 2607.0 |
| 57.5°  | 2001.3 | 2044.0 | 2129.4 | 2158.7 | 2188.1 | 2174.8 | 2185.4 | 2174.8 | 2113.4 | 2524.3 | 2743.1 |
| 60°    | 2233.5 | 2233.5 | 2270.8 | 2222.8 | 2238.8 | 2284.2 | 2316.2 | 2316.2 | 2252.1 | 2628.4 | 2799.2 |
| 62.5°  | 2481.6 | 2460.3 | 2316.2 | 2241.5 | 2260.1 | 2361.5 | 2409.6 | 2404.2 | 2337.5 | 2644.4 | 2812.5 |
| 65°    | 2433.6 | 2396.2 | 2345.5 | 2182.8 | 2204.1 | 2345.5 | 2412.2 | 2409.6 | 2340.2 | 2585.7 | 2769.8 |
| 67.5°  | 2076.0 | 2110.7 | 2172.1 | 2158.7 | 2105.4 | 2268.1 | 2372.2 | 2377.6 | 2297.5 | 2487.0 | 2692.4 |
| 70°    | 1798.5 | 1819.9 | 1857.2 | 1969.3 | 1993.3 | 2161.4 | 2326.9 | 2350.9 | 2244.1 | 2372.2 | 2583.0 |
| 72.5°  | 1566.4 | 1579.7 | 1550.3 | 1665.1 | 1750.5 | 1972.0 | 2166.7 | 2212.1 | 2102.7 | 2174.8 | 2398.9 |
| 75°    | 1339.5 | 1310.2 | 1275.5 | 1326.2 | 1392.9 | 1627.7 | 1865.2 | 1955.9 | 1859.9 | 1905.2 | 2126.7 |
| 77.5°  | 1040.7 | 998.0  | 963.3  | 976.6  | 1038.0 | 1240.8 | 1470.3 | 1614.4 | 1529.0 | 1526.3 | 1702.4 |
| 80°    | 709.8  | 672.4  | 648.4  | 643.1  | 688.4  | 813.9  | 979.3  | 1150.1 | 1075.4 | 1003.3 | 1080.7 |
| 82.5°  | 443.0  | 443.0  | 421.6  | 389.6  | 386.9  | 410.9  | 443.0  | 485.7  | 459.0  | 448.3  | 472.3  |
| 85°    | 277.5  | 280.2  | 269.5  | 234.8  | 226.8  | 232.2  | 248.2  | 258.8  | 250.8  | 258.8  | 266.8  |
| 87.5°  | 194.8  | 192.1  | 178.8  | 173.4  | 170.8  | 178.8  | 192.1  | 197.5  | 197.5  | 205.5  | 205.5  |
| 90°    | 146.8  | 146.8  | 138.8  | 136.1  | 136.1  | 144.1  | 157.4  | 168.1  | 176.1  | 189.5  | 189.5  |
| 92.5°  | 122.7  | 122.7  | 117.4  | 114.7  | 114.7  | 117.4  | 128.1  | 141.4  | 149.4  | 162.8  | 157.4  |
| 95°    | 101.4  | 101.4  | 98.7   | 98.7   | 98.7   | 101.4  | 106.7  | 114.7  | 117.4  | 117.4  | 117.4  |
| 97.5°  | 80.1   | 77.4   | 74.7   | 74.7   | 74.7   | 77.4   | 80.1   | 88.1   | 90.7   | 82.7   | 82.7   |
| 100°   | 56.0   | 53.4   | 50.7   | 53.4   | 53.4   | 53.4   | 56.0   | 58.7   | 58.7   | 53.4   | 50.7   |
| 102.5° | 34.7   | 34.7   | 34.7   | 34.7   | 32.0   | 32.0   | 32.0   | 32.0   | 29.4   | 26.7   | 26.7   |
| 105°   | 24.0   | 24.0   | 21.3   | 21.3   | 21.3   | 21.3   | 18.7   | 18.7   | 18.7   | 16.0   | 16.0   |
| 107.5° | 18.7   | 18.7   | 18.7   | 18.7   | 18.7   | 16.0   | 16.0   | 16.0   | 16.0   | 13.3   | 13.3   |
| 110°   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 16.0   | 13.3   | 13.3   | 10.7   | 10.7   |



REPORT NUMBER: P691615  
 CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 85°  | 88°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 13.3 | 13.3 | 13.3 | 13.3 | 10.7 | 10.7 |
| 115°   | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 10.7 | 10.7 |
| 117.5° | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 10.7 | 10.7 | 10.7 | 13.3 | 10.7 |
| 120°   | 13.3 | 13.3 | 13.3 | 13.3 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 122.5° | 13.3 | 13.3 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 125°   | 10.7 | 10.7 | 10.7 | 10.7 | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  |
| 127.5° | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  |
| 130°   | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |





REPORT NUMBER: P691615

CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 | 1280.8 |
| 2.5°   | 1286.2 | 1291.5 | 1302.2 | 1315.5 | 1326.2 | 1334.2 | 1339.5 | 1344.9 | 1344.9 | 1339.5 | 1344.9 |
| 5°     | 1315.5 | 1320.9 | 1339.5 | 1352.9 | 1352.9 | 1344.9 | 1339.5 | 1336.9 | 1342.2 | 1344.9 | 1350.2 |
| 7.5°   | 1339.5 | 1344.9 | 1336.9 | 1342.2 | 1347.5 | 1339.5 | 1328.9 | 1320.9 | 1312.9 | 1304.9 | 1310.2 |
| 10°    | 1342.2 | 1328.9 | 1328.9 | 1323.5 | 1304.9 | 1307.5 | 1304.9 | 1291.5 | 1280.8 | 1283.5 | 1286.2 |
| 12.5°  | 1339.5 | 1334.2 | 1312.9 | 1302.2 | 1294.2 | 1267.5 | 1256.8 | 1264.8 | 1248.8 | 1256.8 | 1246.1 |
| 15°    | 1363.6 | 1336.9 | 1315.5 | 1288.8 | 1259.5 | 1246.1 | 1227.5 | 1200.8 | 1190.1 | 1192.8 | 1195.4 |
| 17.5°  | 1379.6 | 1352.9 | 1302.2 | 1254.2 | 1238.1 | 1195.4 | 1174.1 | 1160.8 | 1142.1 | 1144.7 | 1155.4 |
| 20°    | 1406.3 | 1366.2 | 1294.2 | 1243.5 | 1166.1 | 1136.7 | 1110.1 | 1094.0 | 1078.0 | 1054.0 | 1043.3 |
| 22.5°  | 1443.6 | 1392.9 | 1283.5 | 1190.1 | 1123.4 | 1072.7 | 1014.0 | 974.0  | 952.6  | 936.6  | 933.9  |
| 25°    | 1491.6 | 1432.9 | 1286.2 | 1166.1 | 1059.4 | 984.6  | 933.9  | 864.6  | 813.9  | 808.5  | 816.5  |
| 27.5°  | 1579.7 | 1478.3 | 1302.2 | 1128.7 | 1006.0 | 891.2  | 797.9  | 749.8  | 691.1  | 677.8  | 677.8  |
| 30°    | 1665.1 | 1550.3 | 1291.5 | 1096.7 | 915.3  | 787.2  | 661.8  | 571.0  | 539.0  | 515.0  | 512.3  |
| 32.5°  | 1822.5 | 1651.7 | 1347.5 | 1048.7 | 832.5  | 632.4  | 493.7  | 394.9  | 373.6  | 365.6  | 362.9  |
| 35°    | 1966.6 | 1790.5 | 1352.9 | 987.3  | 709.8  | 491.0  | 354.9  | 288.2  | 274.8  | 266.8  | 264.2  |
| 37.5°  | 2121.4 | 1923.9 | 1406.3 | 936.6  | 589.7  | 346.9  | 256.2  | 205.5  | 189.5  | 178.8  | 173.4  |
| 40°    | 1942.6 | 1763.8 | 1382.2 | 851.2  | 437.6  | 221.5  | 160.1  | 112.1  | 96.1   | 96.1   | 96.1   |
| 42.5°  | 1521.0 | 1339.5 | 1046.0 | 688.4  | 256.2  | 128.1  | 80.1   | 77.4   | 80.1   | 82.7   | 82.7   |
| 45°    | 1347.5 | 1110.1 | 640.4  | 365.6  | 106.7  | 72.0   | 64.0   | 61.4   | 69.4   | 77.4   | 80.1   |
| 47.5°  | 1585.0 | 1320.9 | 493.7  | 256.2  | 114.7  | 72.0   | 58.7   | 58.7   | 56.0   | 50.7   | 50.7   |
| 50°    | 2142.7 | 1782.5 | 565.7  | 293.5  | 144.1  | 80.1   | 58.7   | 50.7   | 50.7   | 53.4   | 56.0   |
| 52.5°  | 2417.6 | 1985.3 | 667.1  | 381.6  | 210.8  | 109.4  | 64.0   | 50.7   | 45.4   | 37.4   | 37.4   |
| 55°    | 2655.1 | 2145.4 | 789.8  | 493.7  | 309.5  | 170.8  | 90.7   | 53.4   | 45.4   | 37.4   | 34.7   |
| 57.5°  | 2732.5 | 2164.1 | 920.6  | 621.7  | 421.6  | 266.8  | 157.4  | 74.7   | 48.0   | 40.0   | 37.4   |
| 60°    | 2743.1 | 2185.4 | 1019.3 | 757.8  | 549.7  | 389.6  | 258.8  | 136.1  | 61.4   | 48.0   | 45.4   |
| 62.5°  | 2756.5 | 2190.8 | 1094.0 | 856.6  | 677.8  | 528.3  | 373.6  | 216.1  | 93.4   | 56.0   | 53.4   |
| 65°    | 2708.4 | 2126.7 | 1075.4 | 835.2  | 715.1  | 584.4  | 429.6  | 253.5  | 106.7  | 64.0   | 61.4   |
| 67.5°  | 2628.4 | 2070.7 | 998.0  | 768.5  | 645.8  | 509.7  | 368.2  | 205.5  | 98.7   | 74.7   | 72.0   |
| 70°    | 2564.3 | 2014.6 | 958.0  | 763.2  | 597.7  | 445.6  | 296.2  | 149.4  | 117.4  | 101.4  | 96.1   |
| 72.5°  | 2406.9 | 1881.2 | 925.9  | 760.5  | 597.7  | 435.0  | 288.2  | 160.1  | 160.1  | 162.8  | 152.1  |
| 75°    | 2142.7 | 1681.1 | 877.9  | 739.1  | 584.4  | 432.3  | 277.5  | 173.4  | 173.4  | 154.8  | 146.8  |
| 77.5°  | 1769.2 | 1376.9 | 776.5  | 675.1  | 531.0  | 381.6  | 226.8  | 144.1  | 138.8  | 120.1  | 114.7  |
| 80°    | 1171.4 | 987.3  | 619.1  | 557.7  | 437.6  | 306.9  | 168.1  | 112.1  | 104.1  | 88.1   | 82.7   |
| 82.5°  | 525.7  | 472.3  | 392.3  | 394.9  | 314.9  | 218.8  | 114.7  | 77.4   | 72.0   | 58.7   | 56.0   |
| 85°    | 288.2  | 272.2  | 213.5  | 186.8  | 160.1  | 114.7  | 66.7   | 50.7   | 42.7   | 32.0   | 32.0   |
| 87.5°  | 218.8  | 210.8  | 157.4  | 122.7  | 93.4   | 66.7   | 42.7   | 32.0   | 24.0   | 16.0   | 13.3   |
| 90°    | 200.1  | 189.5  | 128.1  | 98.7   | 74.7   | 53.4   | 34.7   | 21.3   | 16.0   | 10.7   | 8.0    |
| 92.5°  | 168.1  | 160.1  | 104.1  | 82.7   | 64.0   | 48.0   | 29.4   | 16.0   | 10.7   | 5.3    | 5.3    |
| 95°    | 122.7  | 120.1  | 77.4   | 64.0   | 50.7   | 40.0   | 24.0   | 13.3   | 8.0    | 5.3    | 2.7    |
| 97.5°  | 82.7   | 80.1   | 56.0   | 48.0   | 40.0   | 29.4   | 18.7   | 10.7   | 5.3    | 2.7    | 2.7    |
| 100°   | 50.7   | 50.7   | 34.7   | 32.0   | 26.7   | 21.3   | 13.3   | 8.0    | 5.3    | 2.7    | 2.7    |
| 102.5° | 26.7   | 24.0   | 18.7   | 18.7   | 16.0   | 13.3   | 10.7   | 5.3    | 2.7    | 0.0    | 0.0    |
| 105°   | 16.0   | 13.3   | 13.3   | 10.7   | 10.7   | 8.0    | 8.0    | 5.3    | 2.7    | 0.0    | 0.0    |
| 107.5° | 13.3   | 10.7   | 10.7   | 8.0    | 8.0    | 5.3    | 5.3    | 2.7    | 2.7    | 0.0    | 0.0    |
| 110°   | 10.7   | 10.7   | 8.0    | 8.0    | 5.3    | 5.3    | 5.3    | 2.7    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P691615  
 CATALOG NUMBER: CRTK2-C018-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.7 | 8.0 | 8.0  | 5.3  | 5.3  | 5.3  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 115°   | 10.7 | 8.0 | 5.3  | 5.3  | 5.3  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 117.5° | 10.7 | 8.0 | 5.3  | 5.3  | 5.3  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 120°   | 10.7 | 8.0 | 5.3  | 5.3  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 122.5° | 10.7 | 8.0 | 5.3  | 5.3  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 125°   | 8.0  | 5.3 | 5.3  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 127.5° | 8.0  | 5.3 | 5.3  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 130°   | 5.3  | 5.3 | 5.3  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)