

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: P690867

Luminaire Tested: **CRTK2-C01-5TLD-U-T3-7030**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P690867  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C01-5TLD-U-T3-7030  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 3000K LED WITH TYPE III OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8540 lumens  
Efficiency: N/A  
Efficacy: 142.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U3 - G2

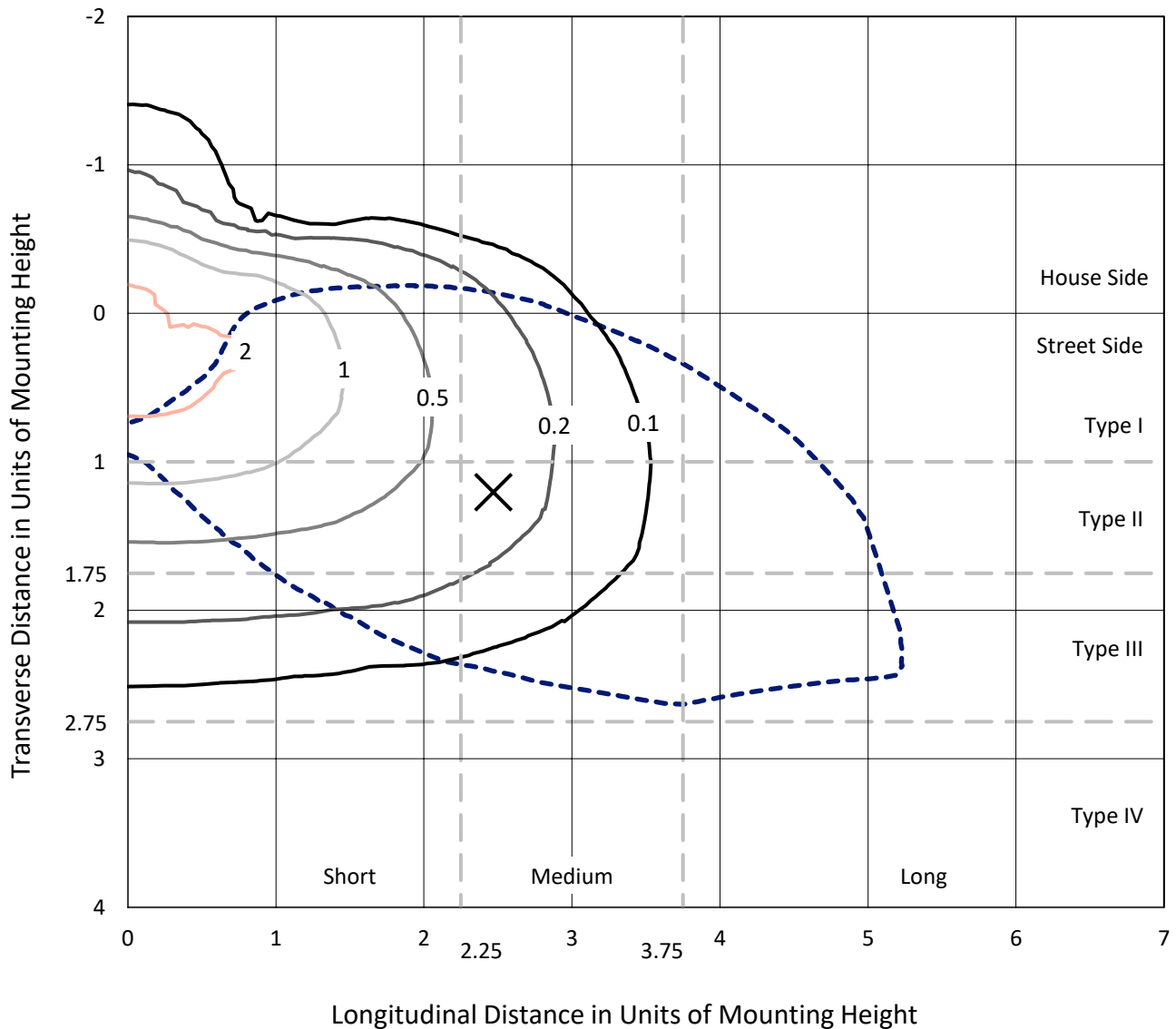
Input Watts (W): 60  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

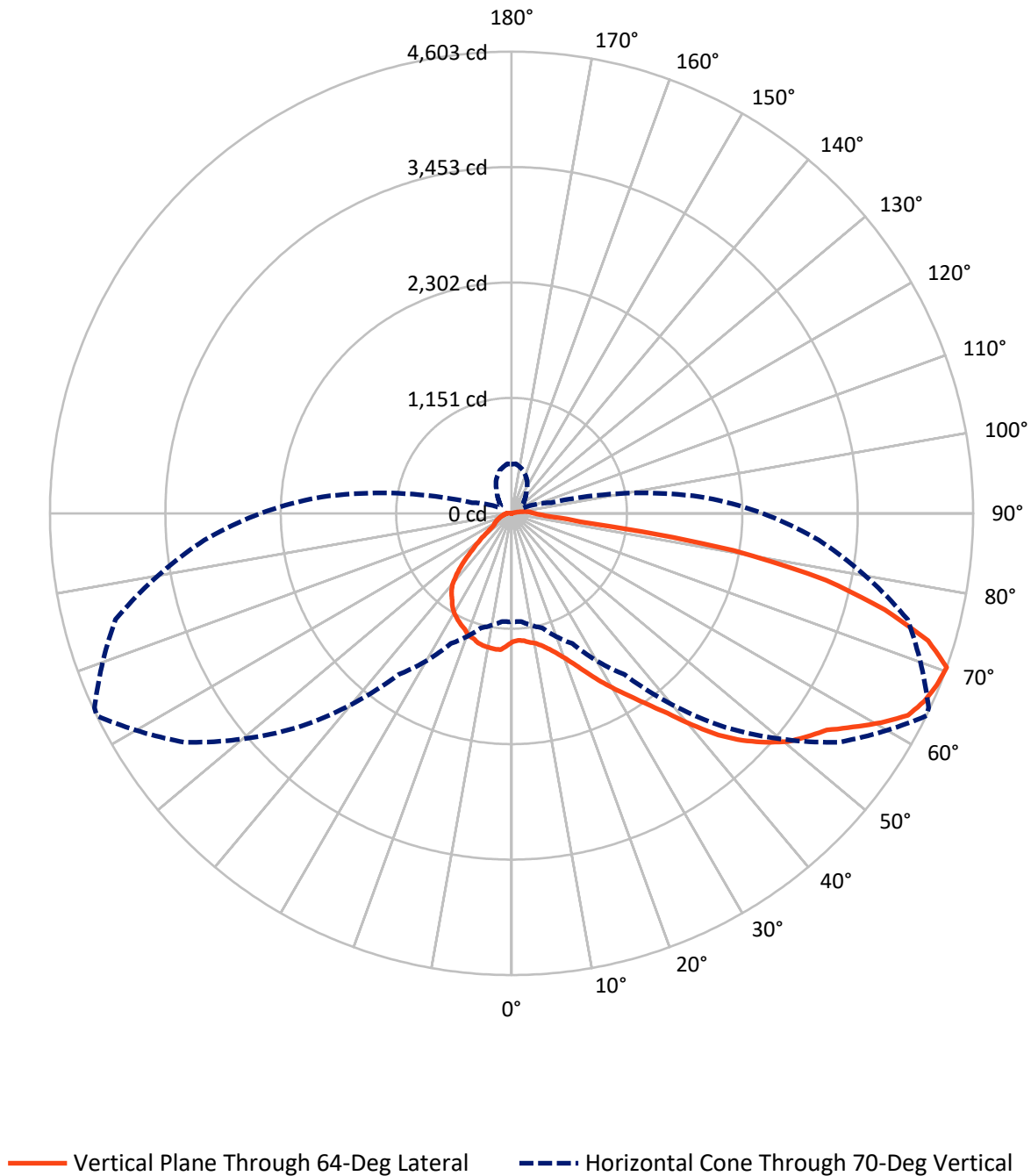
✕ Max cd  
 - - - 1/2 Max cd



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

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## Luminous Intensity Polar Plot



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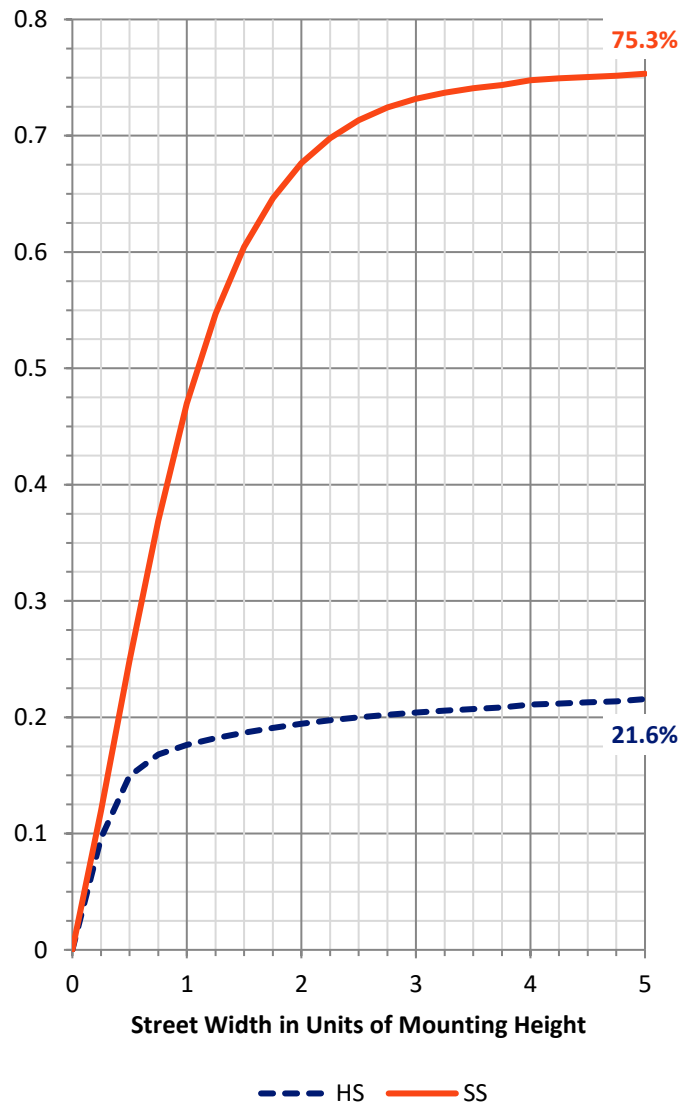
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1946.9   | 52.8   | 1999.6 |
|                    | % Fixture | 22.8     | 0.6    | 23.4   |
| <b>Street Side</b> | Lumens    | 6472.3   | 68.1   | 6540.4 |
|                    | % Fixture | 75.8     | 0.8    | 76.6   |
| <b>Total</b>       | Lumens    | 8419.1   | 120.9  | 8540.0 |
|                    | % Fixture | 98.6     | 1.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 127.7  | 1.5       |
| 10°-20°   | 397.6  | 4.7       |
| 20°-30°   | 689.8  | 8.1       |
| 30°-40°   | 1001.0 | 11.7      |
| 40°-50°   | 1343.3 | 15.7      |
| 50°-60°   | 1624.2 | 19.0      |
| 60°-70°   | 1748.3 | 20.5      |
| 70°-80°   | 1200.8 | 14.1      |
| 80°-90°   | 286.5  | 3.4       |
| 90°-100°  | 103.7  | 1.2       |
| 100°-110° | 13.0   | 0.2       |
| 110°-120° | 0.9    | 0.0       |
| 120°-130° | 0.9    | 0.0       |
| 130°-140° | 0.8    | 0.0       |
| 140°-150° | 0.6    | 0.0       |
| 150°-160° | 0.5    | 0.0       |
| 160°-170° | 0.3    | 0.0       |
| 170°-180° | 0.1    | 0.0       |
| 0°-90°    | 8419.1 | 98.6      |
| 0°-180°   | 8540.0 | 100.0     |

**Coefficient of Utilization**



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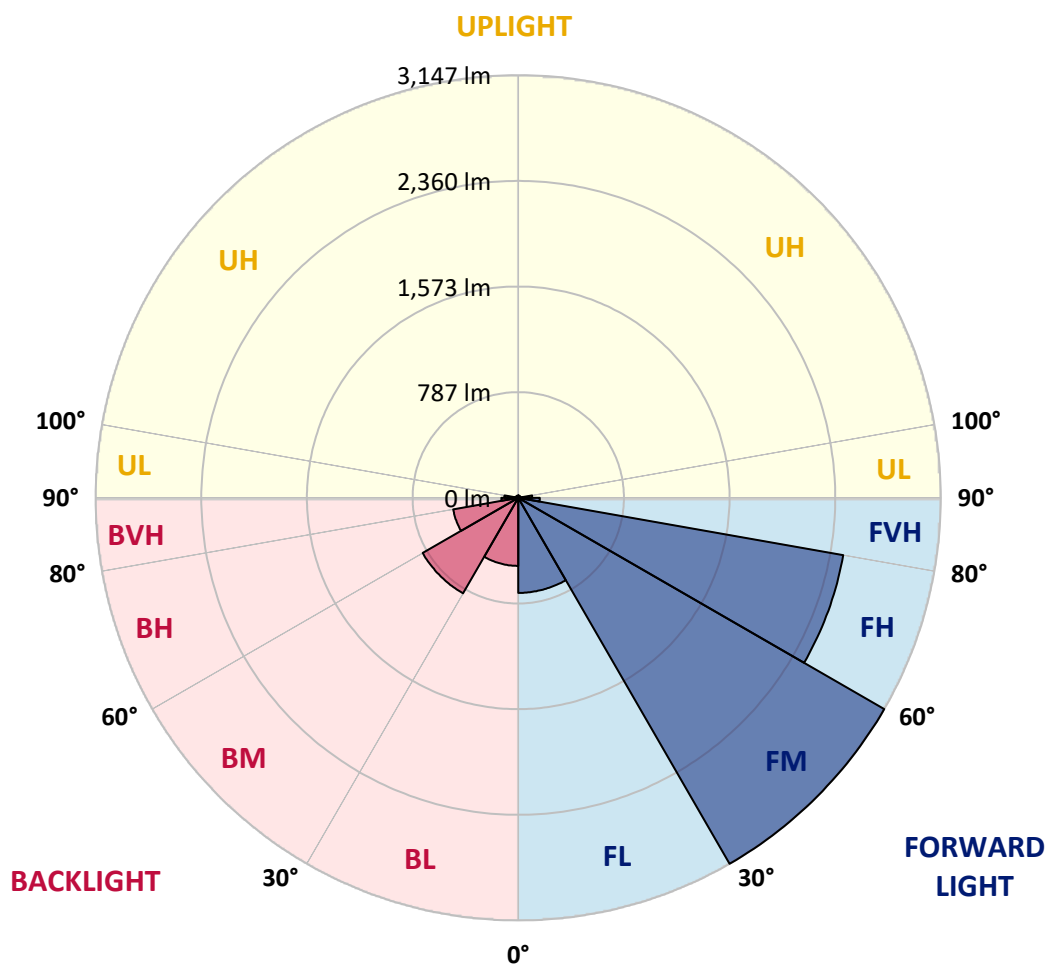
CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7030

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 708.1  | 8.3       |                         |        |         |
| FM   | (30°-60°)   | 3146.8 | 36.8      |                         |        |         |
| FH   | (60°-80°)   | 2457.1 | 28.8      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 160.3  | 1.9       |                         |        | G2/225  |
| BL   | (0°-30°)    | 507.0  | 5.9       | B2/1000                 |        |         |
| BM   | (30°-60°)   | 821.7  | 9.6       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 492.0  | 5.8       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 126.2  | 1.5       |                         |        | G2/225  |
| UL   | (90°-100°)  | 103.7  | 1.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 17.2   | 0.2       |                         | U2/50  |         |

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

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 64°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 |
| 2.5°   | 1270.5 | 1270.5 | 1267.7 | 1267.7 | 1270.5 | 1273.3 | 1270.5 | 1267.7 | 1270.5 | 1273.3 | 1281.7 |
| 5°     | 1320.8 | 1318.0 | 1315.2 | 1304.1 | 1292.9 | 1284.5 | 1278.9 | 1276.1 | 1278.9 | 1290.1 | 1309.6 |
| 7.5°   | 1354.4 | 1351.6 | 1351.6 | 1348.8 | 1337.6 | 1315.2 | 1301.3 | 1298.5 | 1298.5 | 1301.3 | 1326.4 |
| 10°    | 1424.4 | 1418.8 | 1407.6 | 1388.0 | 1376.8 | 1348.8 | 1323.6 | 1318.0 | 1318.0 | 1323.6 | 1354.4 |
| 12.5°  | 1499.9 | 1488.7 | 1491.5 | 1469.2 | 1435.6 | 1404.8 | 1368.4 | 1354.4 | 1348.8 | 1354.4 | 1371.2 |
| 15°    | 1603.5 | 1595.1 | 1572.7 | 1547.5 | 1513.9 | 1472.0 | 1427.2 | 1404.8 | 1402.0 | 1410.4 | 1396.4 |
| 17.5°  | 1679.0 | 1667.8 | 1670.6 | 1634.3 | 1606.3 | 1550.3 | 1508.3 | 1466.4 | 1466.4 | 1477.6 | 1441.2 |
| 20°    | 1757.4 | 1751.8 | 1760.2 | 1751.8 | 1709.8 | 1659.4 | 1597.9 | 1547.5 | 1539.1 | 1544.7 | 1491.5 |
| 22.5°  | 1858.1 | 1849.7 | 1849.7 | 1852.5 | 1819.0 | 1768.6 | 1695.8 | 1645.5 | 1642.7 | 1620.3 | 1547.5 |
| 25°    | 1961.7 | 1953.3 | 1950.5 | 1956.1 | 1950.5 | 1891.7 | 1816.2 | 1765.8 | 1757.4 | 1726.6 | 1623.1 |
| 27.5°  | 2059.6 | 2059.6 | 2062.4 | 2068.0 | 2076.4 | 2028.8 | 1956.1 | 1900.1 | 1900.1 | 1866.5 | 1723.8 |
| 30°    | 2132.4 | 2132.4 | 2157.6 | 2168.8 | 2177.1 | 2166.0 | 2087.6 | 2034.4 | 2040.0 | 1995.3 | 1838.5 |
| 32.5°  | 2199.5 | 2202.3 | 2230.3 | 2258.3 | 2266.7 | 2275.1 | 2207.9 | 2174.3 | 2174.3 | 2132.4 | 1961.7 |
| 35°    | 2266.7 | 2266.7 | 2305.9 | 2361.8 | 2389.8 | 2381.4 | 2350.6 | 2339.5 | 2342.3 | 2333.9 | 2143.6 |
| 37.5°  | 2319.9 | 2325.5 | 2384.2 | 2454.2 | 2493.4 | 2507.4 | 2490.6 | 2526.9 | 2560.5 | 2585.7 | 2381.4 |
| 40°    | 2373.0 | 2373.0 | 2429.0 | 2504.6 | 2574.5 | 2613.7 | 2636.1 | 2773.2 | 2798.4 | 2806.8 | 2515.8 |
| 42.5°  | 2317.1 | 2331.1 | 2448.6 | 2560.5 | 2650.1 | 2717.2 | 2818.0 | 3022.3 | 3053.0 | 2957.9 | 2697.6 |
| 45°    | 2263.9 | 2280.7 | 2398.2 | 2585.7 | 2714.4 | 2848.8 | 3022.3 | 3229.3 | 3254.5 | 3111.8 | 2806.8 |
| 47.5°  | 2210.7 | 2230.3 | 2359.0 | 2563.3 | 2773.2 | 2994.3 | 3181.8 | 3411.2 | 3422.4 | 3237.7 | 2929.9 |
| 50°    | 2154.8 | 2174.3 | 2311.5 | 2538.1 | 2809.6 | 3142.6 | 3341.3 | 3576.3 | 3576.3 | 3349.7 | 3002.7 |
| 52.5°  | 2084.8 | 2107.2 | 2247.1 | 2499.0 | 2837.6 | 3243.3 | 3486.8 | 3696.7 | 3674.3 | 3484.0 | 3083.8 |
| 55°    | 1995.3 | 2026.0 | 2174.3 | 2443.0 | 2848.8 | 3296.5 | 3579.1 | 3814.2 | 3808.6 | 3649.1 | 3187.4 |
| 57.5°  | 1900.1 | 1925.3 | 2084.8 | 2370.2 | 2837.6 | 3332.9 | 3677.1 | 4018.5 | 4026.9 | 3791.8 | 3268.5 |
| 60°    | 1793.8 | 1810.6 | 1964.5 | 2269.5 | 2764.8 | 3397.2 | 3898.2 | 4236.8 | 4248.0 | 3923.3 | 3299.3 |
| 62.5°  | 1653.8 | 1665.0 | 1810.6 | 2132.4 | 2666.9 | 3439.2 | 4057.7 | 4435.4 | 4429.9 | 4040.9 | 3304.9 |
| 65°    | 1477.6 | 1491.5 | 1628.7 | 1950.5 | 2521.4 | 3411.2 | 4096.8 | 4522.2 | 4527.8 | 4096.8 | 3296.5 |
| 67.5°  | 1306.8 | 1315.2 | 1430.0 | 1709.8 | 2286.3 | 3276.9 | 4057.7 | 4572.6 | 4597.8 | 4144.4 | 3215.4 |
| 70°    | 1080.2 | 1083.0 | 1183.7 | 1432.8 | 1961.7 | 3019.5 | 3979.3 | 4603.4 | 4589.4 | 4088.4 | 3075.4 |
| 72.5°  | 831.1  | 833.9  | 909.5  | 1097.0 | 1525.1 | 2571.7 | 3702.3 | 4343.1 | 4317.9 | 3780.6 | 2773.2 |
| 75°    | 590.5  | 601.7  | 646.4  | 769.6  | 1021.4 | 1877.7 | 3167.8 | 3845.0 | 3861.8 | 3363.7 | 2311.5 |
| 77.5°  | 335.8  | 347.0  | 383.4  | 481.3  | 587.7  | 1052.2 | 2392.6 | 3207.0 | 3218.1 | 2829.2 | 1774.2 |
| 80°    | 145.5  | 148.3  | 162.3  | 229.5  | 313.4  | 503.7  | 1225.7 | 2247.1 | 2409.4 | 1922.5 | 1013.0 |
| 82.5°  | 123.1  | 123.1  | 128.7  | 134.3  | 137.1  | 229.5  | 475.7  | 696.8  | 719.2  | 568.1  | 330.2  |
| 85°    | 106.3  | 106.3  | 111.9  | 117.5  | 120.3  | 156.7  | 288.2  | 349.8  | 363.8  | 324.6  | 232.3  |
| 87.5°  | 84.0   | 84.0   | 92.3   | 97.9   | 97.9   | 128.7  | 215.5  | 260.3  | 268.6  | 260.3  | 207.1  |
| 90°    | 75.6   | 75.6   | 72.8   | 72.8   | 75.6   | 92.3   | 167.9  | 218.3  | 226.7  | 277.0  | 237.9  |
| 92.5°  | 64.4   | 67.2   | 67.2   | 67.2   | 58.8   | 67.2   | 120.3  | 193.1  | 209.9  | 274.2  | 215.5  |
| 95°    | 64.4   | 61.6   | 61.6   | 58.8   | 56.0   | 58.8   | 89.5   | 167.9  | 187.5  | 237.9  | 181.9  |
| 97.5°  | 44.8   | 42.0   | 44.8   | 47.6   | 50.4   | 53.2   | 75.6   | 123.1  | 137.1  | 184.7  | 134.3  |
| 100°   | 28.0   | 28.0   | 28.0   | 28.0   | 33.6   | 36.4   | 61.6   | 75.6   | 84.0   | 117.5  | 89.5   |
| 102.5° | 16.8   | 14.0   | 14.0   | 14.0   | 16.8   | 22.4   | 30.8   | 42.0   | 44.8   | 67.2   | 53.2   |
| 105°   | 5.6    | 5.6    | 5.6    | 5.6    | 8.4    | 11.2   | 11.2   | 16.8   | 16.8   | 22.4   | 22.4   |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 2.8    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 2.8    |



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 CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7030

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 64° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 2.8 | 2.8 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 2.8 | 2.8 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 |
| 180°   | 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°     | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 | 1281.7 |
| 2.5°   | 1287.3 | 1292.9 | 1304.1 | 1318.0 | 1334.8 | 1348.8 | 1360.0 | 1362.8 | 1368.4 | 1368.4 | 1374.0 |
| 5°     | 1315.2 | 1326.4 | 1343.2 | 1362.8 | 1371.2 | 1365.6 | 1365.6 | 1368.4 | 1374.0 | 1388.0 | 1393.6 |
| 7.5°   | 1346.0 | 1354.4 | 1354.4 | 1362.8 | 1379.6 | 1374.0 | 1371.2 | 1368.4 | 1368.4 | 1362.8 | 1371.2 |
| 10°    | 1357.2 | 1346.0 | 1360.0 | 1357.2 | 1351.6 | 1362.8 | 1365.6 | 1348.8 | 1351.6 | 1351.6 | 1354.4 |
| 12.5°  | 1360.0 | 1360.0 | 1348.8 | 1348.8 | 1348.8 | 1323.6 | 1318.0 | 1332.0 | 1318.0 | 1323.6 | 1320.8 |
| 15°    | 1390.8 | 1368.4 | 1354.4 | 1337.6 | 1315.2 | 1306.8 | 1287.3 | 1264.9 | 1264.9 | 1270.5 | 1270.5 |
| 17.5°  | 1413.2 | 1390.8 | 1348.8 | 1304.1 | 1295.7 | 1256.5 | 1242.5 | 1236.9 | 1234.1 | 1236.9 | 1242.5 |
| 20°    | 1446.8 | 1413.2 | 1343.2 | 1298.5 | 1225.7 | 1211.7 | 1186.5 | 1183.7 | 1178.1 | 1158.5 | 1152.9 |
| 22.5°  | 1491.5 | 1438.4 | 1340.4 | 1250.9 | 1192.1 | 1144.5 | 1099.8 | 1071.8 | 1069.0 | 1055.0 | 1046.6 |
| 25°    | 1541.9 | 1488.7 | 1351.6 | 1228.5 | 1130.6 | 1060.6 | 1024.2 | 959.8  | 929.1  | 940.3  | 934.7  |
| 27.5°  | 1645.5 | 1547.5 | 1371.2 | 1197.7 | 1080.2 | 971.0  | 887.1  | 847.9  | 808.7  | 808.7  | 814.3  |
| 30°    | 1740.6 | 1623.1 | 1371.2 | 1169.7 | 996.2  | 864.7  | 755.6  | 694.0  | 677.2  | 666.0  | 660.4  |
| 32.5°  | 1883.3 | 1718.2 | 1430.0 | 1130.6 | 917.9  | 727.6  | 604.5  | 531.7  | 534.5  | 545.7  | 542.9  |
| 35°    | 2048.4 | 1869.3 | 1446.8 | 1074.6 | 803.1  | 590.5  | 467.3  | 428.2  | 450.5  | 456.1  | 456.1  |
| 37.5°  | 2247.1 | 2054.0 | 1522.3 | 1029.8 | 682.8  | 436.5  | 369.4  | 352.6  | 372.2  | 369.4  | 380.6  |
| 40°    | 2356.2 | 2143.6 | 1586.7 | 973.8  | 523.3  | 321.8  | 285.4  | 274.2  | 305.0  | 330.2  | 335.8  |
| 42.5°  | 2510.2 | 2249.9 | 1648.3 | 867.5  | 355.4  | 235.1  | 218.3  | 254.7  | 299.4  | 327.4  | 330.2  |
| 45°    | 2594.1 | 2311.5 | 1623.1 | 736.0  | 226.7  | 190.3  | 212.7  | 257.5  | 305.0  | 333.0  | 335.8  |
| 47.5°  | 2694.9 | 2392.6 | 1578.3 | 573.7  | 181.9  | 187.5  | 215.5  | 263.0  | 313.4  | 338.6  | 338.6  |
| 50°    | 2795.6 | 2473.8 | 1469.2 | 450.5  | 170.7  | 184.7  | 221.1  | 265.8  | 310.6  | 327.4  | 327.4  |
| 52.5°  | 2854.4 | 2543.7 | 1340.4 | 327.4  | 167.9  | 184.7  | 223.9  | 268.6  | 307.8  | 316.2  | 316.2  |
| 55°    | 2907.5 | 2549.3 | 1228.5 | 243.5  | 165.1  | 187.5  | 226.7  | 274.2  | 310.6  | 319.0  | 316.2  |
| 57.5°  | 2938.3 | 2513.0 | 1150.1 | 209.9  | 162.3  | 187.5  | 229.5  | 279.8  | 333.0  | 352.6  | 347.0  |
| 60°    | 2921.5 | 2457.0 | 1091.4 | 195.9  | 159.5  | 187.5  | 232.3  | 296.6  | 422.6  | 456.1  | 444.9  |
| 62.5°  | 2893.5 | 2417.8 | 968.2  | 179.1  | 153.9  | 187.5  | 235.1  | 335.8  | 470.1  | 486.9  | 472.9  |
| 65°    | 2857.2 | 2303.1 | 828.3  | 162.3  | 148.3  | 184.7  | 237.9  | 363.8  | 447.7  | 447.7  | 444.9  |
| 67.5°  | 2706.0 | 2149.2 | 618.4  | 145.5  | 139.9  | 184.7  | 243.5  | 358.2  | 431.0  | 467.3  | 467.3  |
| 70°    | 2504.6 | 1891.7 | 408.6  | 128.7  | 131.5  | 179.1  | 254.7  | 363.8  | 444.9  | 495.3  | 489.7  |
| 72.5°  | 2121.2 | 1569.9 | 226.7  | 111.9  | 120.3  | 176.3  | 254.7  | 386.2  | 481.3  | 537.3  | 528.9  |
| 75°    | 1732.2 | 1161.3 | 162.3  | 100.7  | 109.1  | 170.7  | 257.5  | 400.2  | 514.9  | 573.7  | 559.7  |
| 77.5°  | 1220.1 | 666.0  | 128.7  | 86.8   | 97.9   | 162.3  | 254.7  | 394.6  | 531.7  | 584.9  | 568.1  |
| 80°    | 514.9  | 240.7  | 106.3  | 78.4   | 84.0   | 145.5  | 235.1  | 377.8  | 531.7  | 618.4  | 610.0  |
| 82.5°  | 232.3  | 170.7  | 92.3   | 70.0   | 78.4   | 120.3  | 218.3  | 363.8  | 514.9  | 621.2  | 671.6  |
| 85°    | 181.9  | 139.9  | 78.4   | 61.6   | 70.0   | 114.7  | 195.9  | 347.0  | 492.5  | 573.7  | 629.6  |
| 87.5°  | 173.5  | 139.9  | 70.0   | 56.0   | 64.4   | 97.9   | 151.1  | 321.8  | 442.1  | 528.9  | 573.7  |
| 90°    | 187.5  | 145.5  | 56.0   | 47.6   | 58.8   | 86.8   | 123.1  | 271.4  | 383.4  | 464.5  | 464.5  |
| 92.5°  | 173.5  | 134.3  | 42.0   | 36.4   | 61.6   | 70.0   | 117.5  | 167.9  | 277.0  | 232.3  | 288.2  |
| 95°    | 145.5  | 111.9  | 28.0   | 25.2   | 58.8   | 58.8   | 64.4   | 78.4   | 193.1  | 5.6    | 0.0    |
| 97.5°  | 106.3  | 81.2   | 16.8   | 14.0   | 44.8   | 47.6   | 30.8   | 36.4   | 78.4   | 0.0    | 0.0    |
| 100°   | 78.4   | 53.2   | 11.2   | 11.2   | 28.0   | 39.2   | 19.6   | 19.6   | 0.0    | 0.0    | 0.0    |
| 102.5° | 42.0   | 28.0   | 8.4    | 5.6    | 14.0   | 22.4   | 8.4    | 5.6    | 0.0    | 0.0    | 0.0    |
| 105°   | 22.4   | 11.2   | 2.8    | 2.8    | 2.8    | 2.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 5.6    | 2.8    | 2.8    | 2.8    | 2.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 2.8    | 2.8    | 2.8    | 2.8    | 2.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P690867

CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7030

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 2.8 | 2.8 | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 2.8 | 2.8 | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 2.8 | 2.8 | 2.8  | 2.8  | 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)