

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: P690871

Luminaire Tested: **CRTK2-C01-5TLD-U-T3-7040-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P690871  
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-C01-5TLD-U-T3-7040-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K 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: 7519 lumens  
Efficiency: N/A  
Efficacy: 125.3 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): 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



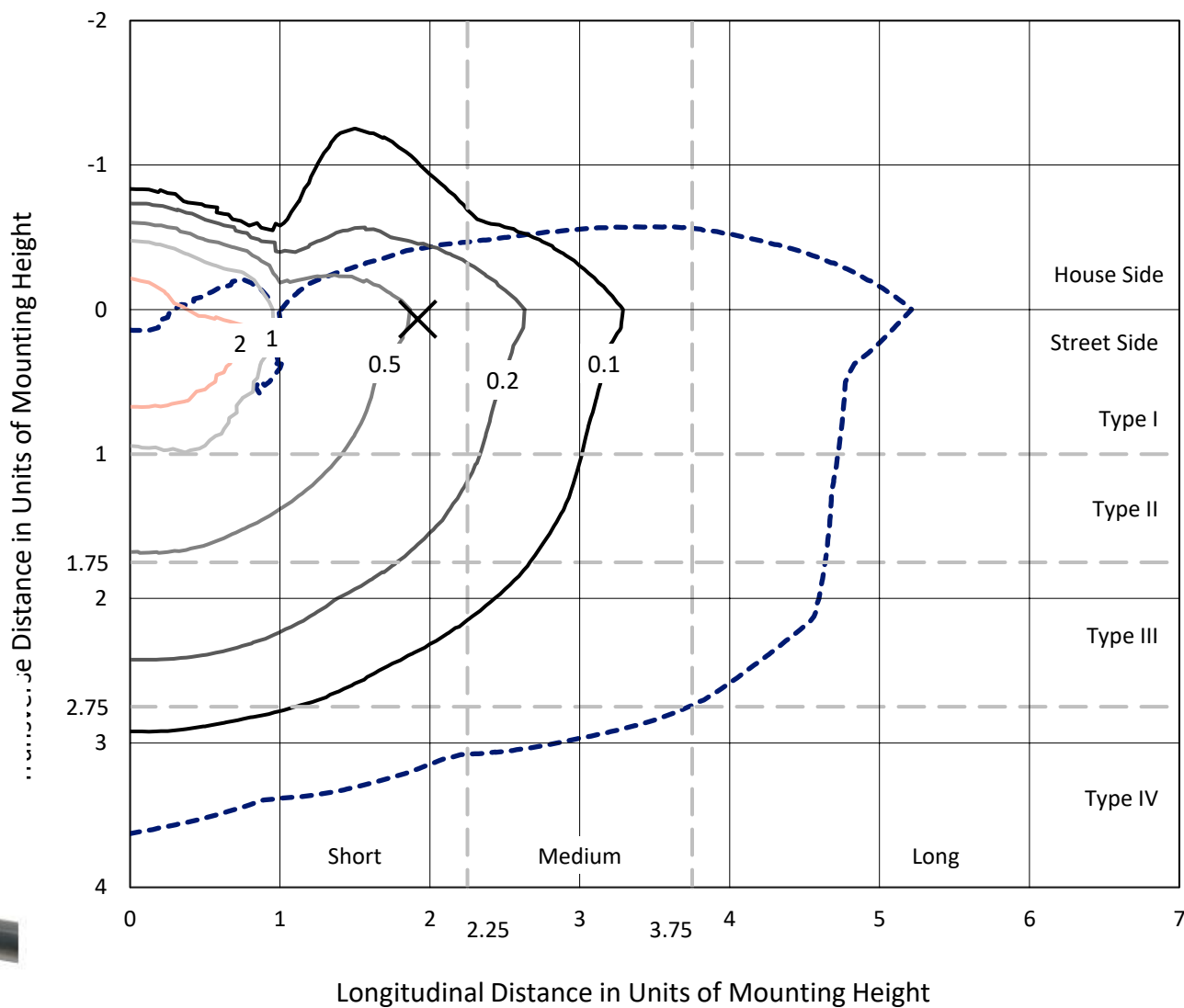
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

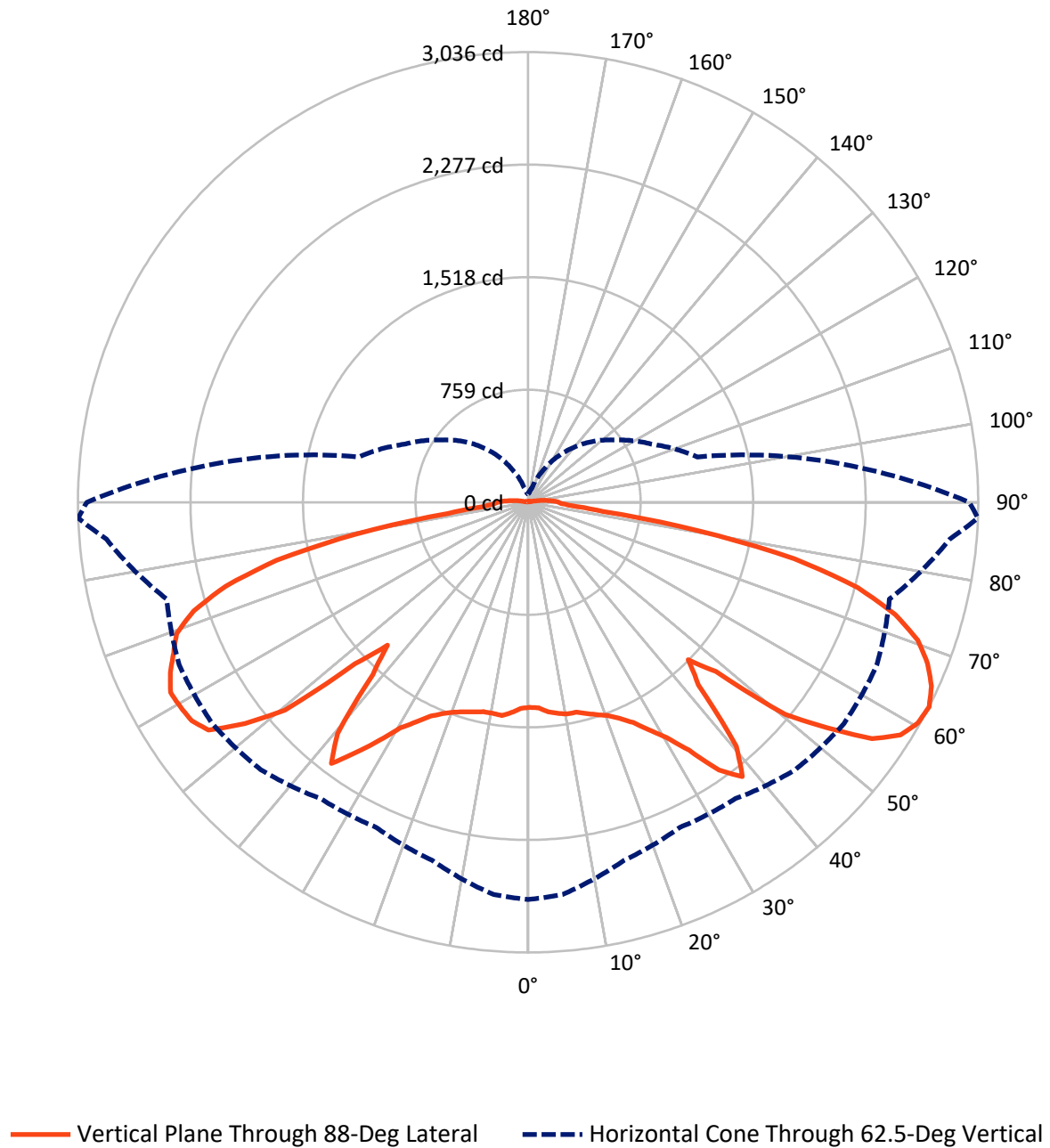


Based on 25 foot mounting height. Maximum calculated value = 2.4 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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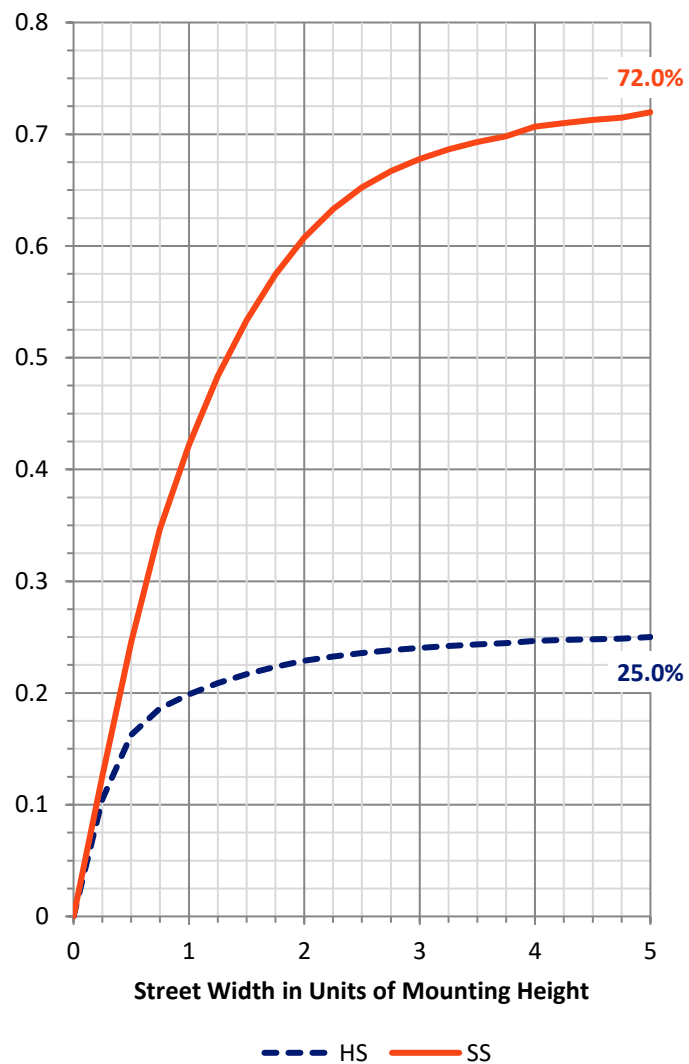
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1912.9   | 36.1   | 1949.0 |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 5481.2   | 88.9   | 5570.0 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 7394.1   | 124.9  | 7519.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 136.3  | 1.8       |
| 10°-20°   | 416.1  | 5.5       |
| 20°-30°   | 704.7  | 9.4       |
| 30°-40°   | 972.8  | 12.9      |
| 40°-50°   | 841.3  | 11.2      |
| 50°-60°   | 1218.0 | 16.2      |
| 60°-70°   | 1594.4 | 21.2      |
| 70°-80°   | 1208.9 | 16.1      |
| 80°-90°   | 301.6  | 4.0       |
| 90°-100°  | 88.7   | 1.2       |
| 100°-110° | 20.6   | 0.3       |
| 110°-120° | 9.2    | 0.1       |
| 120°-130° | 5.9    | 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°    | 7394.1 | 98.3      |
| 0°-180°   | 7519.0 | 100.0     |

**Coefficient of Utilization**



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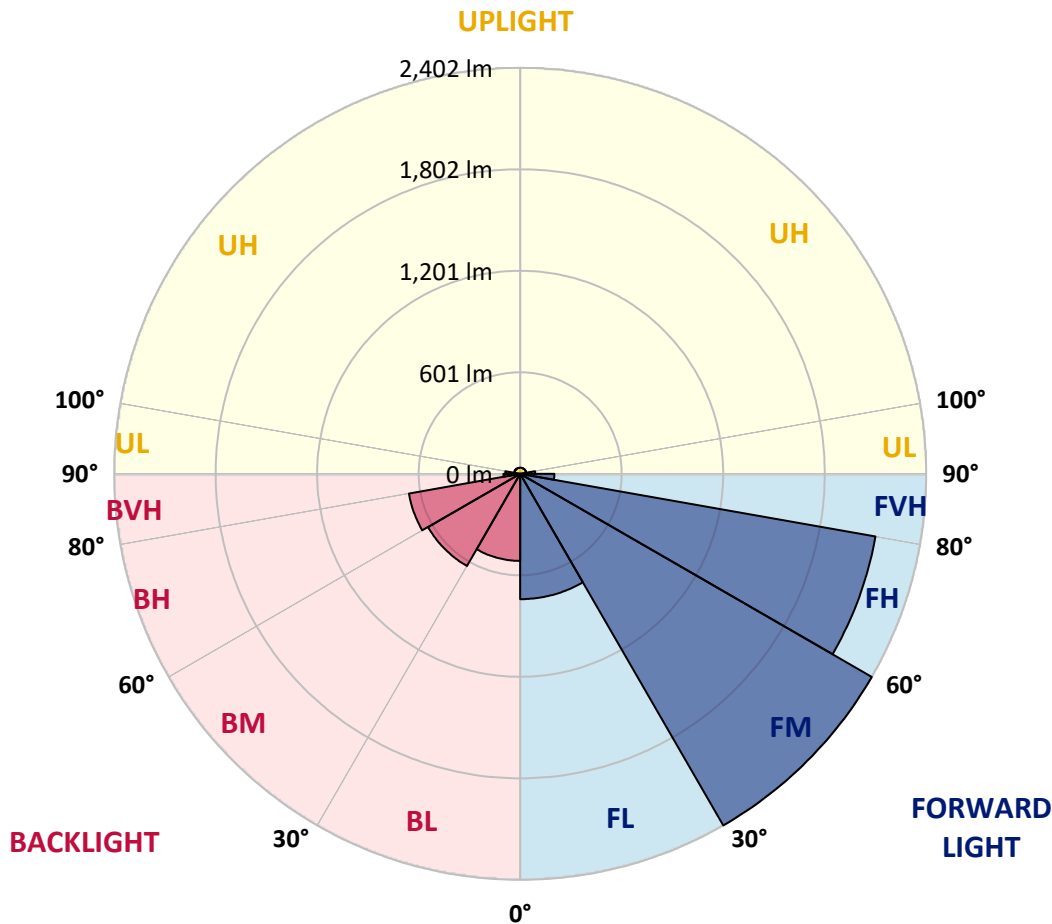
CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7040-SR-CARETAKER-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 741.8  | 9.9       |                         |        |         |
| FM   | (30°-60°)   | 2402.3 | 31.9      |                         |        |         |
| FH   | (60°-80°)   | 2134.5 | 28.4      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 202.6  | 2.7       |                         |        | G2/225  |
| BL   | (0°-30°)    | 515.2  | 6.9       | B2/1000                 |        |         |
| BM   | (30°-60°)   | 629.8  | 8.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 668.8  | 8.9       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 99.0   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 88.7   | 1.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 36.2   | 0.5       |                         | U2/50  |         |

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

Type IV Short



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CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 |
| 2.5°   | 1368.3 | 1368.3 | 1365.4 | 1368.3 | 1374.1 | 1379.8 | 1374.1 | 1377.0 | 1379.8 | 1385.6 | 1388.5 |
| 5°     | 1420.2 | 1417.3 | 1411.5 | 1405.8 | 1400.0 | 1400.0 | 1394.2 | 1391.4 | 1397.1 | 1414.4 | 1420.2 |
| 7.5°   | 1463.4 | 1454.7 | 1449.0 | 1451.9 | 1443.2 | 1428.8 | 1417.3 | 1411.5 | 1405.8 | 1428.8 | 1437.4 |
| 10°    | 1532.5 | 1526.7 | 1506.6 | 1489.3 | 1477.8 | 1454.7 | 1428.8 | 1425.9 | 1423.0 | 1446.1 | 1451.9 |
| 12.5°  | 1601.6 | 1595.9 | 1584.4 | 1567.1 | 1529.6 | 1509.5 | 1469.1 | 1451.9 | 1449.0 | 1463.4 | 1451.9 |
| 15°    | 1702.5 | 1690.9 | 1659.3 | 1642.0 | 1604.5 | 1572.8 | 1523.9 | 1497.9 | 1503.7 | 1483.5 | 1477.8 |
| 17.5°  | 1760.1 | 1754.3 | 1751.4 | 1725.5 | 1696.7 | 1642.0 | 1595.9 | 1558.4 | 1570.0 | 1523.9 | 1506.6 |
| 20°    | 1823.5 | 1820.6 | 1826.3 | 1829.2 | 1791.8 | 1742.8 | 1685.2 | 1627.6 | 1630.5 | 1570.0 | 1535.4 |
| 22.5°  | 1904.1 | 1895.5 | 1907.0 | 1921.4 | 1889.7 | 1849.4 | 1774.5 | 1728.4 | 1705.3 | 1624.7 | 1584.4 |
| 25°    | 1999.2 | 1996.3 | 1996.3 | 2022.2 | 2016.5 | 1961.7 | 1889.7 | 1837.9 | 1814.8 | 1705.3 | 1644.9 |
| 27.5°  | 2097.1 | 2100.0 | 2105.8 | 2123.0 | 2131.7 | 2100.0 | 2030.9 | 1984.8 | 1941.6 | 1797.5 | 1737.0 |
| 30°    | 2160.5 | 2160.5 | 2200.8 | 2226.7 | 2238.3 | 2238.3 | 2154.7 | 2120.2 | 2077.0 | 1915.6 | 1840.7 |
| 32.5°  | 2238.3 | 2244.0 | 2281.5 | 2324.7 | 2342.0 | 2365.0 | 2295.9 | 2270.0 | 2232.5 | 2062.6 | 1993.4 |
| 35°    | 2293.0 | 2301.6 | 2359.3 | 2425.5 | 2471.6 | 2483.1 | 2442.8 | 2454.3 | 2437.0 | 2255.6 | 2218.1 |
| 37.5°  | 2053.9 | 2077.0 | 2163.4 | 2293.0 | 2416.9 | 2537.9 | 2581.1 | 2638.7 | 2647.3 | 2437.0 | 2347.7 |
| 40°    | 1788.9 | 1797.5 | 1895.5 | 1990.5 | 2143.2 | 2241.2 | 2350.6 | 2477.4 | 2408.2 | 2180.7 | 2163.4 |
| 42.5°  | 1587.2 | 1624.7 | 1760.1 | 1832.1 | 1950.2 | 1973.3 | 1918.5 | 1837.9 | 1714.0 | 1693.8 | 1685.2 |
| 45°    | 1552.7 | 1590.1 | 1725.5 | 1843.6 | 1901.2 | 1618.9 | 1466.3 | 1359.7 | 1408.6 | 1529.6 | 1515.2 |
| 47.5°  | 1714.0 | 1760.1 | 1901.2 | 2036.6 | 1918.5 | 1604.5 | 1503.7 | 1500.8 | 1460.5 | 1667.9 | 1705.3 |
| 50°    | 1811.9 | 1849.4 | 2013.6 | 2010.7 | 1915.6 | 1763.0 | 1817.7 | 1757.2 | 1685.2 | 2039.5 | 2249.8 |
| 52.5°  | 1860.9 | 1895.5 | 1953.1 | 2025.1 | 2033.7 | 2022.2 | 2036.6 | 1987.7 | 1878.2 | 2367.9 | 2526.3 |
| 55°    | 1725.5 | 1811.9 | 2062.6 | 2186.4 | 2238.3 | 2206.6 | 2215.2 | 2180.7 | 2108.6 | 2572.4 | 2814.4 |
| 57.5°  | 2160.5 | 2206.6 | 2298.8 | 2330.5 | 2362.1 | 2347.7 | 2359.3 | 2347.7 | 2281.5 | 2725.1 | 2961.3 |
| 60°    | 2411.1 | 2411.1 | 2451.4 | 2399.6 | 2416.9 | 2465.8 | 2500.4 | 2500.4 | 2431.3 | 2837.4 | 3021.8 |
| 62.5°  | 2679.0 | 2656.0 | 2500.4 | 2419.8 | 2439.9 | 2549.4 | 2601.2 | 2595.5 | 2523.5 | 2854.7 | 3036.2 |
| 65°    | 2627.2 | 2586.8 | 2532.1 | 2356.4 | 2379.4 | 2532.1 | 2604.1 | 2601.2 | 2526.3 | 2791.4 | 2990.1 |
| 67.5°  | 2241.2 | 2278.6 | 2344.9 | 2330.5 | 2272.8 | 2448.6 | 2560.9 | 2566.7 | 2480.2 | 2684.8 | 2906.6 |
| 70°    | 1941.6 | 1964.6 | 2004.9 | 2125.9 | 2151.9 | 2333.3 | 2511.9 | 2537.9 | 2422.6 | 2560.9 | 2788.5 |
| 72.5°  | 1690.9 | 1705.3 | 1673.7 | 1797.5 | 1889.7 | 2128.8 | 2339.1 | 2388.1 | 2270.0 | 2347.7 | 2589.7 |
| 75°    | 1446.1 | 1414.4 | 1377.0 | 1431.7 | 1503.7 | 1757.2 | 2013.6 | 2111.5 | 2007.8 | 2056.8 | 2295.9 |
| 77.5°  | 1123.5 | 1077.4 | 1039.9 | 1054.3 | 1120.6 | 1339.5 | 1587.2 | 1742.8 | 1650.6 | 1647.7 | 1837.9 |
| 80°    | 766.3  | 725.9  | 700.0  | 694.2  | 743.2  | 878.6  | 1057.2 | 1241.6 | 1160.9 | 1083.1 | 1166.7 |
| 82.5°  | 478.2  | 478.2  | 455.1  | 420.6  | 417.7  | 443.6  | 478.2  | 524.3  | 495.5  | 484.0  | 509.9  |
| 85°    | 299.6  | 302.5  | 290.9  | 253.5  | 244.9  | 250.6  | 267.9  | 279.4  | 270.8  | 279.4  | 288.1  |
| 87.5°  | 210.3  | 207.4  | 193.0  | 187.2  | 184.4  | 193.0  | 207.4  | 213.2  | 213.2  | 221.8  | 221.8  |
| 90°    | 158.4  | 158.4  | 149.8  | 146.9  | 146.9  | 155.6  | 170.0  | 181.5  | 190.1  | 204.5  | 204.5  |
| 92.5°  | 132.5  | 132.5  | 126.7  | 123.9  | 123.9  | 126.7  | 138.3  | 152.7  | 161.3  | 175.7  | 170.0  |
| 95°    | 109.5  | 109.5  | 106.6  | 106.6  | 106.6  | 109.5  | 115.2  | 123.9  | 126.7  | 126.7  | 126.7  |
| 97.5°  | 86.4   | 83.5   | 80.7   | 80.7   | 80.7   | 83.5   | 86.4   | 95.1   | 97.9   | 89.3   | 89.3   |
| 100°   | 60.5   | 57.6   | 54.7   | 57.6   | 57.6   | 57.6   | 60.5   | 63.4   | 63.4   | 57.6   | 54.7   |
| 102.5° | 37.4   | 37.4   | 37.4   | 37.4   | 34.6   | 34.6   | 34.6   | 34.6   | 31.7   | 28.8   | 28.8   |
| 105°   | 25.9   | 25.9   | 23.0   | 23.0   | 23.0   | 23.0   | 20.2   | 20.2   | 20.2   | 17.3   | 17.3   |
| 107.5° | 20.2   | 20.2   | 20.2   | 20.2   | 20.2   | 17.3   | 17.3   | 17.3   | 17.3   | 14.4   | 14.4   |
| 110°   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 14.4   | 14.4   | 11.5   | 11.5   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 85°  | 88°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 14.4 | 14.4 | 14.4 | 14.4 | 11.5 | 11.5 |
| 115°   | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 11.5 | 11.5 |
| 117.5° | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 11.5 | 11.5 | 11.5 | 14.4 | 11.5 |
| 120°   | 14.4 | 14.4 | 14.4 | 14.4 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| 122.5° | 14.4 | 14.4 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| 125°   | 11.5 | 11.5 | 11.5 | 11.5 | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  |
| 127.5° | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  |
| 130°   | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 8.6  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  |
| 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  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 | 1382.7 |
| 2.5°   | 1388.5 | 1394.2 | 1405.8 | 1420.2 | 1431.7 | 1440.3 | 1446.1 | 1451.9 | 1451.9 | 1446.1 | 1451.9 |
| 5°     | 1420.2 | 1425.9 | 1446.1 | 1460.5 | 1460.5 | 1451.9 | 1446.1 | 1443.2 | 1449.0 | 1451.9 | 1457.6 |
| 7.5°   | 1446.1 | 1451.9 | 1443.2 | 1449.0 | 1454.7 | 1446.1 | 1434.6 | 1425.9 | 1417.3 | 1408.6 | 1414.4 |
| 10°    | 1449.0 | 1434.6 | 1434.6 | 1428.8 | 1408.6 | 1411.5 | 1408.6 | 1394.2 | 1382.7 | 1385.6 | 1388.5 |
| 12.5°  | 1446.1 | 1440.3 | 1417.3 | 1405.8 | 1397.1 | 1368.3 | 1356.8 | 1365.4 | 1348.1 | 1356.8 | 1345.3 |
| 15°    | 1472.0 | 1443.2 | 1420.2 | 1391.4 | 1359.7 | 1345.3 | 1325.1 | 1296.3 | 1284.8 | 1287.7 | 1290.5 |
| 17.5°  | 1489.3 | 1460.5 | 1405.8 | 1353.9 | 1336.6 | 1290.5 | 1267.5 | 1253.1 | 1232.9 | 1235.8 | 1247.3 |
| 20°    | 1518.1 | 1474.9 | 1397.1 | 1342.4 | 1258.8 | 1227.2 | 1198.4 | 1181.1 | 1163.8 | 1137.9 | 1126.3 |
| 22.5°  | 1558.4 | 1503.7 | 1385.6 | 1284.8 | 1212.8 | 1158.0 | 1094.6 | 1051.4 | 1028.4 | 1011.1 | 1008.2 |
| 25°    | 1610.3 | 1546.9 | 1388.5 | 1258.8 | 1143.6 | 1063.0 | 1008.2 | 933.3  | 878.6  | 872.8  | 881.5  |
| 27.5°  | 1705.3 | 1595.9 | 1405.8 | 1218.5 | 1086.0 | 962.1  | 861.3  | 809.5  | 746.1  | 731.7  | 731.7  |
| 30°    | 1797.5 | 1673.7 | 1394.2 | 1184.0 | 988.1  | 849.8  | 714.4  | 616.5  | 581.9  | 556.0  | 553.1  |
| 32.5°  | 1967.5 | 1783.1 | 1454.7 | 1132.1 | 898.8  | 682.7  | 532.9  | 426.3  | 403.3  | 394.7  | 391.8  |
| 35°    | 2123.0 | 1932.9 | 1460.5 | 1065.8 | 766.3  | 530.0  | 383.1  | 311.1  | 296.7  | 288.1  | 285.2  |
| 37.5°  | 2290.1 | 2077.0 | 1518.1 | 1011.1 | 636.6  | 374.5  | 276.5  | 221.8  | 204.5  | 193.0  | 187.2  |
| 40°    | 2097.1 | 1904.1 | 1492.2 | 918.9  | 472.4  | 239.1  | 172.8  | 121.0  | 103.7  | 103.7  | 103.7  |
| 42.5°  | 1642.0 | 1446.1 | 1129.2 | 743.2  | 276.5  | 138.3  | 86.4   | 83.5   | 86.4   | 89.3   | 89.3   |
| 45°    | 1454.7 | 1198.4 | 691.4  | 394.7  | 115.2  | 77.8   | 69.1   | 66.3   | 74.9   | 83.5   | 86.4   |
| 47.5°  | 1711.1 | 1425.9 | 532.9  | 276.5  | 123.9  | 77.8   | 63.4   | 63.4   | 60.5   | 54.7   | 54.7   |
| 50°    | 2313.2 | 1924.3 | 610.7  | 316.9  | 155.6  | 86.4   | 63.4   | 54.7   | 54.7   | 57.6   | 60.5   |
| 52.5°  | 2609.9 | 2143.2 | 720.2  | 411.9  | 227.6  | 118.1  | 69.1   | 54.7   | 49.0   | 40.3   | 40.3   |
| 55°    | 2866.3 | 2316.0 | 852.7  | 532.9  | 334.2  | 184.4  | 97.9   | 57.6   | 49.0   | 40.3   | 37.4   |
| 57.5°  | 2949.8 | 2336.2 | 993.8  | 671.2  | 455.1  | 288.1  | 170.0  | 80.7   | 51.9   | 43.2   | 40.3   |
| 60°    | 2961.3 | 2359.3 | 1100.4 | 818.1  | 593.4  | 420.6  | 279.4  | 146.9  | 66.3   | 51.9   | 49.0   |
| 62.5°  | 2975.7 | 2365.0 | 1181.1 | 924.7  | 731.7  | 570.4  | 403.3  | 233.3  | 100.8  | 60.5   | 57.6   |
| 65°    | 2923.9 | 2295.9 | 1160.9 | 901.6  | 772.0  | 630.9  | 463.8  | 273.7  | 115.2  | 69.1   | 66.3   |
| 67.5°  | 2837.4 | 2235.4 | 1077.4 | 829.6  | 697.1  | 550.2  | 397.5  | 221.8  | 106.6  | 80.7   | 77.8   |
| 70°    | 2768.3 | 2174.9 | 1034.2 | 823.9  | 645.3  | 481.1  | 319.8  | 161.3  | 126.7  | 109.5  | 103.7  |
| 72.5°  | 2598.4 | 2030.9 | 999.6  | 821.0  | 645.3  | 469.5  | 311.1  | 172.8  | 172.8  | 175.7  | 164.2  |
| 75°    | 2313.2 | 1814.8 | 947.7  | 797.9  | 630.9  | 466.7  | 299.6  | 187.2  | 187.2  | 167.1  | 158.4  |
| 77.5°  | 1909.9 | 1486.4 | 838.3  | 728.8  | 573.3  | 411.9  | 244.9  | 155.6  | 149.8  | 129.6  | 123.9  |
| 80°    | 1264.6 | 1065.8 | 668.3  | 602.1  | 472.4  | 331.3  | 181.5  | 121.0  | 112.3  | 95.1   | 89.3   |
| 82.5°  | 567.5  | 509.9  | 423.5  | 426.3  | 339.9  | 236.2  | 123.9  | 83.5   | 77.8   | 63.4   | 60.5   |
| 85°    | 311.1  | 293.8  | 230.5  | 201.6  | 172.8  | 123.9  | 72.0   | 54.7   | 46.1   | 34.6   | 34.6   |
| 87.5°  | 236.2  | 227.6  | 170.0  | 132.5  | 100.8  | 72.0   | 46.1   | 34.6   | 25.9   | 17.3   | 14.4   |
| 90°    | 216.0  | 204.5  | 138.3  | 106.6  | 80.7   | 57.6   | 37.4   | 23.0   | 17.3   | 11.5   | 8.6    |
| 92.5°  | 181.5  | 172.8  | 112.3  | 89.3   | 69.1   | 51.9   | 31.7   | 17.3   | 11.5   | 5.8    | 5.8    |
| 95°    | 132.5  | 129.6  | 83.5   | 69.1   | 54.7   | 43.2   | 25.9   | 14.4   | 8.6    | 5.8    | 2.9    |
| 97.5°  | 89.3   | 86.4   | 60.5   | 51.9   | 43.2   | 31.7   | 20.2   | 11.5   | 5.8    | 2.9    | 2.9    |
| 100°   | 54.7   | 54.7   | 37.4   | 34.6   | 28.8   | 23.0   | 14.4   | 8.6    | 5.8    | 2.9    | 2.9    |
| 102.5° | 28.8   | 25.9   | 20.2   | 20.2   | 17.3   | 14.4   | 11.5   | 5.8    | 2.9    | 0.0    | 0.0    |
| 105°   | 17.3   | 14.4   | 14.4   | 11.5   | 11.5   | 8.6    | 8.6    | 5.8    | 2.9    | 0.0    | 0.0    |
| 107.5° | 14.4   | 11.5   | 11.5   | 8.6    | 8.6    | 5.8    | 5.8    | 2.9    | 2.9    | 0.0    | 0.0    |
| 110°   | 11.5   | 11.5   | 8.6    | 8.6    | 5.8    | 5.8    | 5.8    | 2.9    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P690871

CATALOG NUMBER: CRTK2-C01-5TLD-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 11.5 | 8.6 | 8.6  | 5.8  | 5.8  | 5.8  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 115°   | 11.5 | 8.6 | 5.8  | 5.8  | 5.8  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 117.5° | 11.5 | 8.6 | 5.8  | 5.8  | 5.8  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 120°   | 11.5 | 8.6 | 5.8  | 5.8  | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 122.5° | 11.5 | 8.6 | 5.8  | 5.8  | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 125°   | 8.6  | 5.8 | 5.8  | 2.9  | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 127.5° | 8.6  | 5.8 | 5.8  | 2.9  | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  |
| 130°   | 5.8  | 5.8 | 5.8  | 2.9  | 2.9  | 2.9  | 2.9  | 2.9  | 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)