

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: P691579

Luminaire Tested: **CRTK2-C018-5TLD-U-T2-7040**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691579  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C018-5TLD-U-T2-7040  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K LED WITH TYPE II OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7941.9 lumens  
Efficiency: N/A  
Efficacy: 147.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type II - Short  
BUG Rating: B2 - U3 - G2

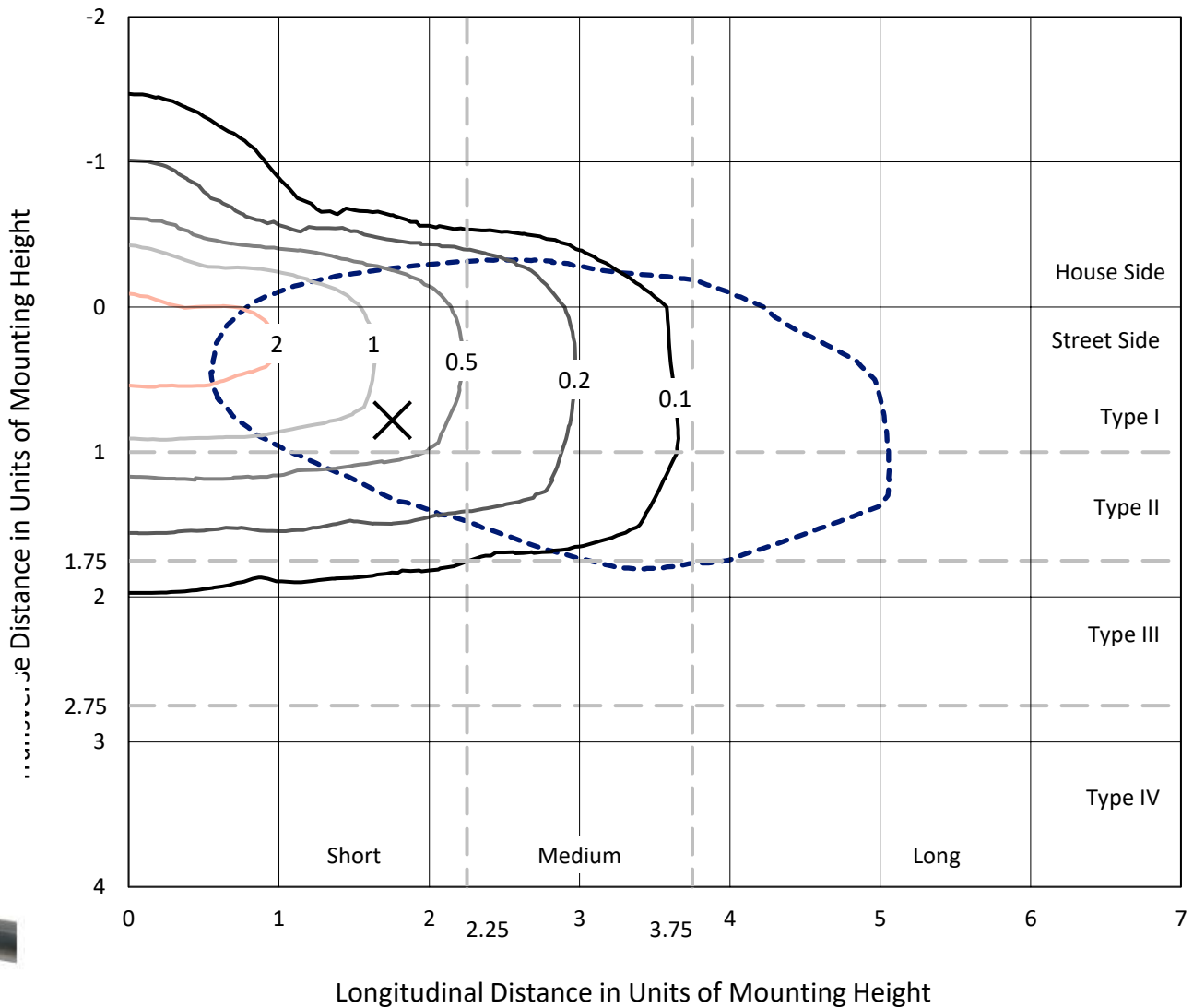
Input Watts (W): 53.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

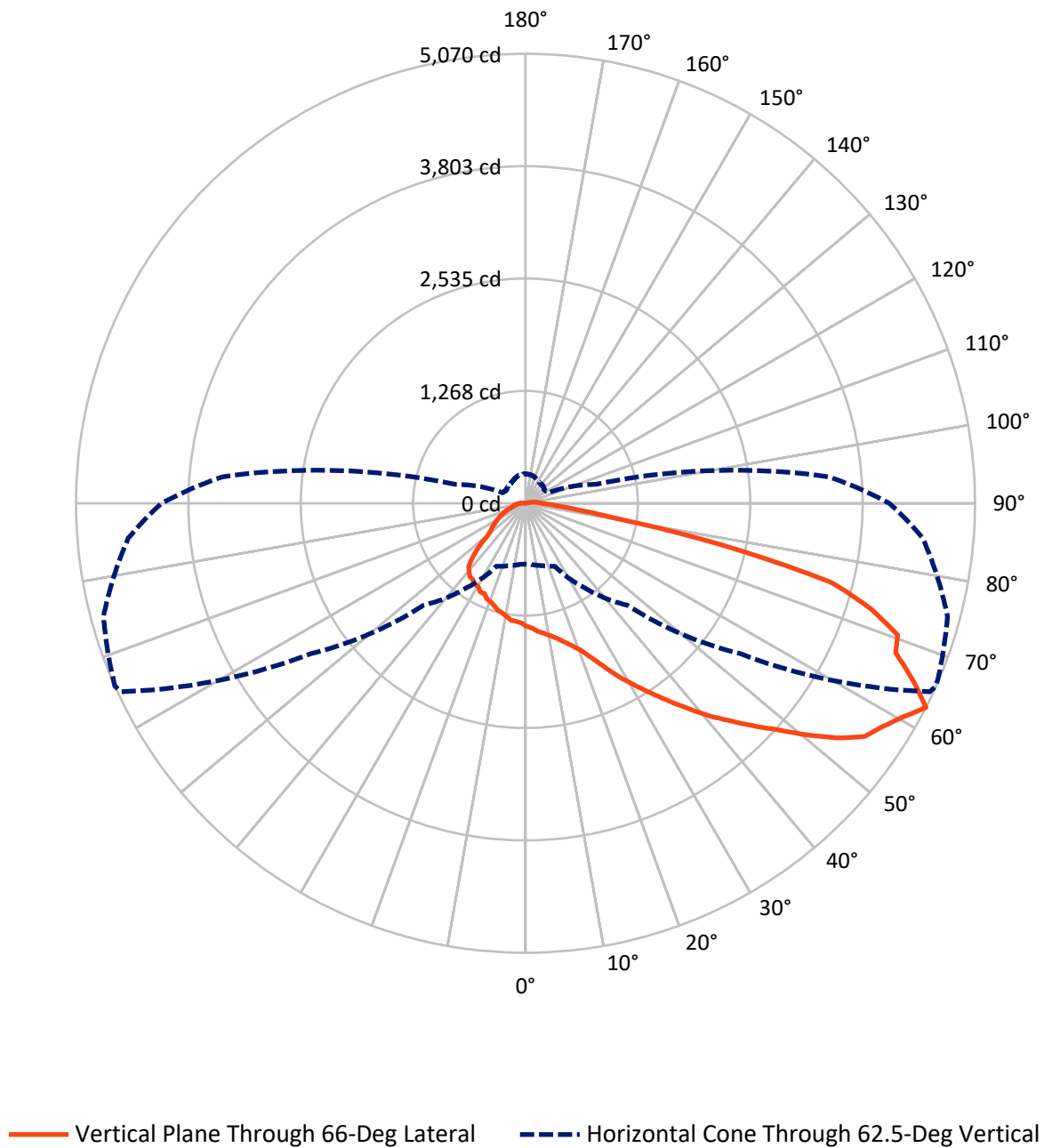
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 fc  
 Type II - Short - N/A

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CATALOG NUMBER: CRTK2-C018-5TLD-U-T2-7040

## Luminous Intensity Polar Plot



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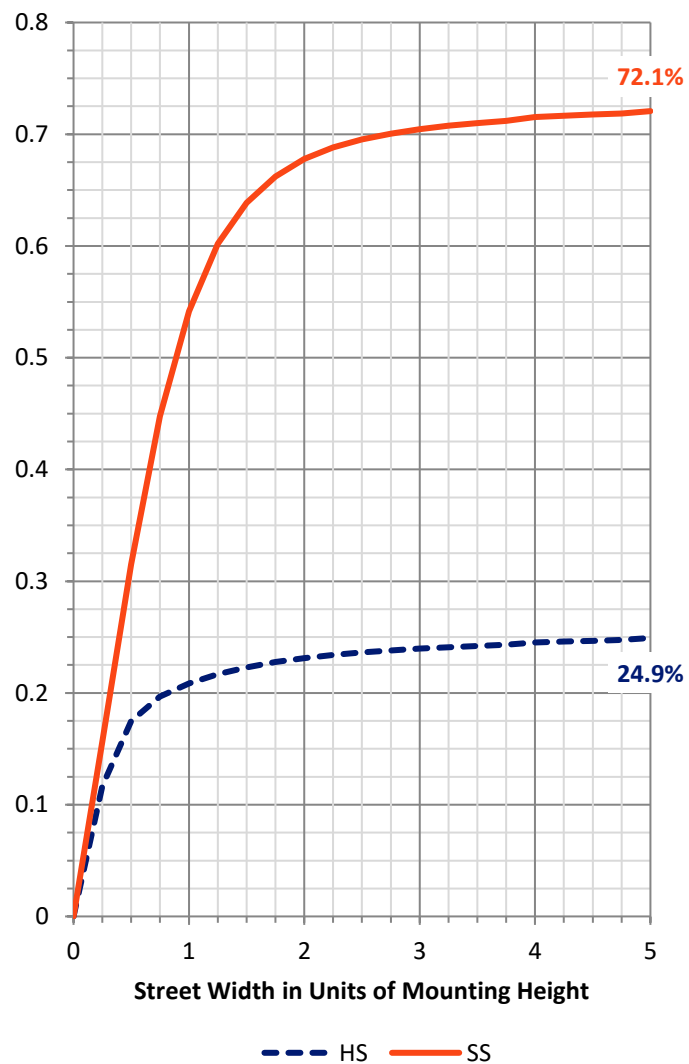
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2067.2   | 57.1   | 2124.3 |
|                    | % Fixture | 26.0     | 0.7    | 26.7   |
| <b>Street Side</b> | Lumens    | 5761.1   | 56.5   | 5817.6 |
|                    | % Fixture | 72.5     | 0.7    | 73.3   |
| <b>Total</b>       | Lumens    | 7828.3   | 113.6  | 7941.9 |
|                    | % Fixture | 98.6     | 1.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 133.4  | 1.7       |
| 10°-20°   | 399.3  | 5.0       |
| 20°-30°   | 675.7  | 8.5       |
| 30°-40°   | 988.6  | 12.4      |
| 40°-50°   | 1292.2 | 16.3      |
| 50°-60°   | 1503.6 | 18.9      |
| 60°-70°   | 1504.3 | 18.9      |
| 70°-80°   | 1037.9 | 13.1      |
| 80°-90°   | 293.4  | 3.7       |
| 90°-100°  | 96.7   | 1.2       |
| 100°-110° | 13.2   | 0.2       |
| 110°-120° | 0.8    | 0.0       |
| 120°-130° | 0.7    | 0.0       |
| 130°-140° | 0.8    | 0.0       |
| 140°-150° | 0.6    | 0.0       |
| 150°-160° | 0.5    | 0.0       |
| 160°-170° | 0.2    | 0.0       |
| 170°-180° | 0.1    | 0.0       |
| 0°-90°    | 7828.3 | 98.6      |
| 0°-180°   | 7941.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P691579

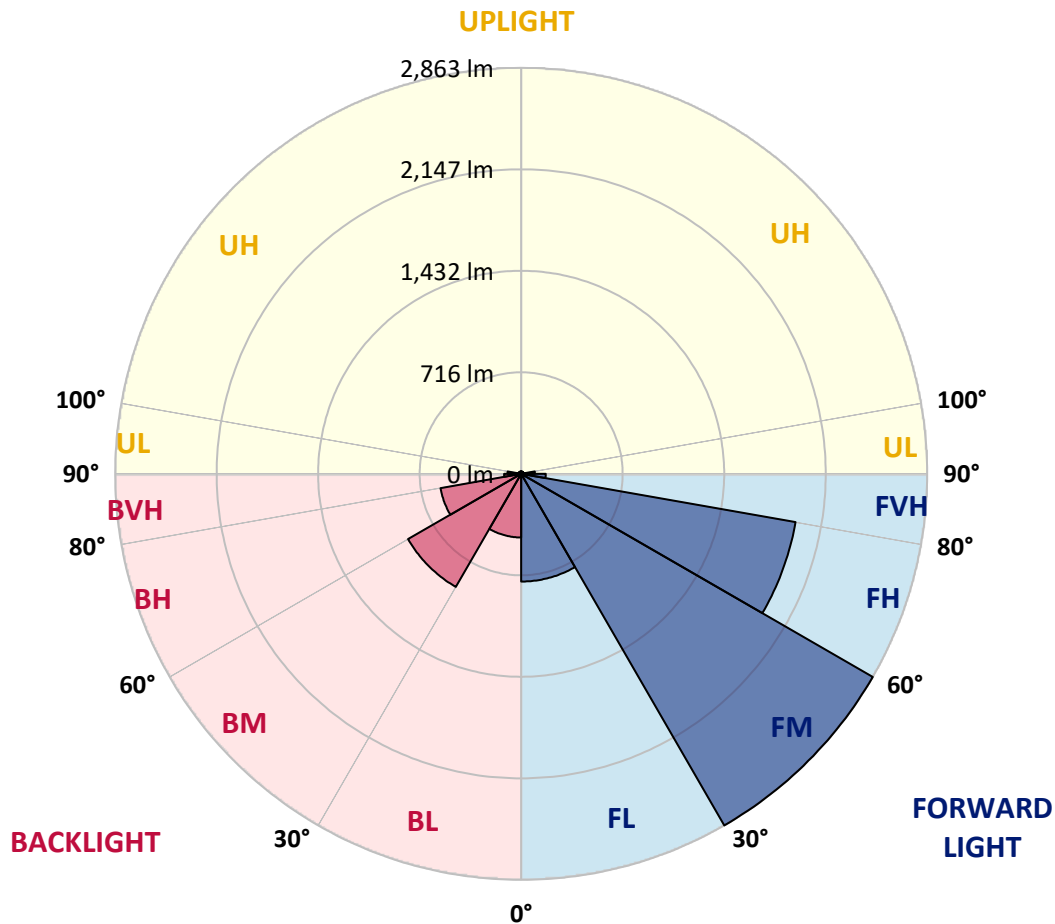
CATALOG NUMBER: CRTK2-C018-5TLD-U-T2-7040

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 759.7  | 9.6       |                         |        |         |
| FM   | (30°-60°)   | 2863.3 | 36.1      |                         |        |         |
| FH   | (60°-80°)   | 1964.8 | 24.7      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 173.3  | 2.2       |                         |        | G2/225  |
| BL   | (0°-30°)    | 448.6  | 5.6       | B1/500                  |        |         |
| BM   | (30°-60°)   | 921.1  | 11.6      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 577.4  | 7.3       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 120.1  | 1.5       |                         |        | G2/225  |
| UL   | (90°-100°)  | 96.7   | 1.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 16.9   | 0.2       |                         | U2/50  |         |

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

Type II Short



REPORT NUMBER: P691579

CATALOG NUMBER: CRTK2-C018-5TLD-U-T2-7040

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 |
| 2.5°   | 1458.8 | 1456.2 | 1456.2 | 1443.0 | 1429.8 | 1427.2 | 1419.3 | 1408.7 | 1408.7 | 1400.8 | 1387.6 |
| 5°     | 1545.9 | 1543.3 | 1545.9 | 1527.4 | 1509.0 | 1493.1 | 1466.8 | 1453.6 | 1450.9 | 1432.5 | 1406.1 |
| 7.5°   | 1606.6 | 1603.9 | 1601.3 | 1585.5 | 1577.5 | 1561.7 | 1524.8 | 1485.2 | 1479.9 | 1461.5 | 1427.2 |
| 10°    | 1630.3 | 1632.9 | 1646.1 | 1619.8 | 1603.9 | 1590.7 | 1569.6 | 1522.1 | 1516.9 | 1474.7 | 1421.9 |
| 12.5°  | 1693.6 | 1696.3 | 1688.3 | 1656.7 | 1651.4 | 1640.9 | 1606.6 | 1567.0 | 1561.7 | 1509.0 | 1435.1 |
| 15°    | 1759.6 | 1759.6 | 1749.0 | 1730.6 | 1717.4 | 1706.8 | 1664.6 | 1622.4 | 1619.8 | 1556.4 | 1469.4 |
| 17.5°  | 1788.6 | 1793.9 | 1796.5 | 1772.8 | 1767.5 | 1764.8 | 1743.7 | 1691.0 | 1685.7 | 1625.0 | 1516.9 |
| 20°    | 1807.1 | 1809.7 | 1812.3 | 1809.7 | 1812.3 | 1809.7 | 1820.2 | 1778.0 | 1764.8 | 1701.5 | 1569.6 |
| 22.5°  | 1844.0 | 1849.3 | 1867.7 | 1867.7 | 1875.6 | 1894.1 | 1886.2 | 1891.5 | 1886.2 | 1809.7 | 1659.3 |
| 25°    | 1862.5 | 1870.4 | 1894.1 | 1923.1 | 1957.4 | 1978.5 | 2007.5 | 2028.7 | 2031.3 | 1962.7 | 1796.5 |
| 27.5°  | 1833.4 | 1851.9 | 1912.6 | 1957.4 | 2036.6 | 2092.0 | 2160.6 | 2194.9 | 2200.1 | 2134.2 | 1944.2 |
| 30°    | 1870.4 | 1870.4 | 1907.3 | 1970.6 | 2068.2 | 2197.5 | 2303.0 | 2355.8 | 2361.0 | 2310.9 | 2092.0 |
| 32.5°  | 1801.8 | 1817.6 | 1902.0 | 2023.4 | 2163.2 | 2310.9 | 2413.8 | 2516.7 | 2529.9 | 2514.1 | 2303.0 |
| 35°    | 1793.9 | 1801.8 | 1854.5 | 1981.2 | 2168.5 | 2416.4 | 2558.9 | 2693.4 | 2719.8 | 2725.1 | 2506.1 |
| 37.5°  | 1720.0 | 1730.6 | 1828.2 | 1986.4 | 2242.3 | 2490.3 | 2672.3 | 2893.9 | 2917.7 | 2954.6 | 2682.9 |
| 40°    | 1627.7 | 1643.5 | 1722.6 | 1899.4 | 2221.2 | 2577.4 | 2793.7 | 3105.0 | 3139.3 | 3184.1 | 2915.0 |
| 42.5°  | 1506.3 | 1535.3 | 1669.9 | 1859.8 | 2210.7 | 2606.4 | 2909.8 | 3316.0 | 3347.7 | 3395.2 | 3110.3 |
| 45°    | 1403.4 | 1411.4 | 1519.5 | 1717.4 | 2126.3 | 2646.0 | 3017.9 | 3553.4 | 3574.5 | 3598.3 | 3268.5 |
| 47.5°  | 1311.1 | 1326.9 | 1419.3 | 1603.9 | 2036.6 | 2638.0 | 3112.9 | 3777.7 | 3814.6 | 3885.8 | 3461.1 |
| 50°    | 1036.8 | 1073.7 | 1334.8 | 1506.3 | 1899.4 | 2614.3 | 3192.0 | 4041.5 | 4102.2 | 4128.5 | 3680.1 |
| 52.5°  | 896.9  | 907.5  | 1039.4 | 1411.4 | 1746.4 | 2535.2 | 3260.6 | 4329.0 | 4397.6 | 4336.9 | 3943.9 |
| 55°    | 828.3  | 838.9  | 899.6  | 1218.8 | 1627.7 | 2374.2 | 3313.4 | 4600.7 | 4643.0 | 4500.5 | 4139.1 |
| 57.5°  | 791.4  | 799.3  | 831.0  | 986.6  | 1482.6 | 2118.3 | 3318.7 | 4735.3 | 4751.1 | 4629.8 | 4239.3 |
| 60°    | 728.1  | 736.0  | 791.4  | 860.0  | 1321.7 | 1846.6 | 3226.3 | 4811.8 | 4893.6 | 4788.0 | 4431.9 |
| 62.5°  | 685.9  | 691.2  | 728.1  | 783.5  | 1166.0 | 1625.0 | 2957.2 | 5030.7 | 5070.3 | 4927.9 | 4497.9 |
| 65°    | 633.1  | 638.4  | 672.7  | 722.8  | 1065.8 | 1501.0 | 2841.2 | 4941.1 | 4796.0 | 4893.6 | 4584.9 |
| 67.5°  | 572.5  | 580.4  | 612.0  | 654.2  | 899.6  | 1379.7 | 2506.1 | 4606.0 | 4503.1 | 4719.5 | 4358.0 |
| 70°    | 517.1  | 522.3  | 556.6  | 580.4  | 738.7  | 1221.4 | 2081.4 | 4344.9 | 4453.0 | 4450.4 | 4152.3 |
| 72.5°  | 456.4  | 461.7  | 490.7  | 511.8  | 617.3  | 1034.1 | 1651.4 | 4044.1 | 4075.8 | 3962.3 | 3674.8 |
| 75°    | 393.1  | 395.7  | 422.1  | 443.2  | 506.5  | 828.3  | 1205.6 | 3345.0 | 3564.0 | 3788.2 | 3178.8 |
| 77.5°  | 316.6  | 324.5  | 345.6  | 356.1  | 406.3  | 662.1  | 786.1  | 1981.2 | 2263.4 | 3331.8 | 2841.2 |
| 80°    | 237.4  | 237.4  | 253.3  | 258.5  | 300.7  | 493.3  | 496.0  | 955.0  | 1026.2 | 2118.3 | 2110.4 |
| 82.5°  | 150.4  | 158.3  | 174.1  | 171.5  | 203.1  | 282.3  | 313.9  | 530.2  | 569.8  | 838.9  | 936.5  |
| 85°    | 121.3  | 124.0  | 134.5  | 126.6  | 134.5  | 153.0  | 176.7  | 335.0  | 348.2  | 511.8  | 509.1  |
| 87.5°  | 100.2  | 102.9  | 110.8  | 105.5  | 108.2  | 116.1  | 137.2  | 224.2  | 229.5  | 329.8  | 340.3  |
| 90°    | 76.5   | 79.1   | 89.7   | 87.1   | 84.4   | 95.0   | 113.4  | 171.5  | 179.4  | 261.2  | 279.6  |
| 92.5°  | 50.1   | 50.1   | 58.0   | 58.0   | 58.0   | 68.6   | 100.2  | 131.9  | 137.2  | 237.4  | 250.6  |
| 95°    | 36.9   | 36.9   | 39.6   | 42.2   | 39.6   | 50.1   | 73.9   | 118.7  | 129.3  | 221.6  | 216.3  |
| 97.5°  | 23.7   | 23.7   | 26.4   | 29.0   | 26.4   | 31.7   | 42.2   | 84.4   | 95.0   | 171.5  | 168.8  |
| 100°   | 15.8   | 15.8   | 15.8   | 15.8   | 15.8   | 15.8   | 23.7   | 55.4   | 63.3   | 108.2  | 105.5  |
| 102.5° | 10.6   | 10.6   | 10.6   | 10.6   | 7.9    | 7.9    | 10.6   | 26.4   | 29.0   | 58.0   | 55.4   |
| 105°   | 2.6    | 2.6    | 5.3    | 5.3    | 5.3    | 2.6    | 2.6    | 10.6   | 13.2   | 23.7   | 23.7   |
| 107.5° | 0.0    | 0.0    | 0.0    | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.6    | 2.6    |
| 110°   | 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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CATALOG NUMBER: CRTK2-C018-5TLD-U-T2-7040

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 2.6 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 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 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 |
| 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 | 2.6 | 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 | 2.6 | 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°     | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 | 1387.6 |
| 2.5°   | 1382.3 | 1374.4 | 1361.2 | 1348.0 | 1340.1 | 1332.2 | 1319.0 | 1308.5 | 1308.5 | 1321.7 | 1321.7 |
| 5°     | 1387.6 | 1371.8 | 1345.4 | 1334.8 | 1321.7 | 1303.2 | 1282.1 | 1266.3 | 1258.3 | 1268.9 | 1271.5 |
| 7.5°   | 1400.8 | 1377.1 | 1350.7 | 1326.9 | 1282.1 | 1247.8 | 1229.3 | 1208.2 | 1205.6 | 1216.1 | 1221.4 |
| 10°    | 1390.2 | 1366.5 | 1334.8 | 1290.0 | 1242.5 | 1216.1 | 1181.8 | 1155.5 | 1155.5 | 1147.5 | 1152.8 |
| 12.5°  | 1400.8 | 1369.1 | 1305.8 | 1258.3 | 1216.1 | 1158.1 | 1115.9 | 1089.5 | 1086.9 | 1094.8 | 1094.8 |
| 15°    | 1427.2 | 1379.7 | 1297.9 | 1239.9 | 1171.3 | 1113.3 | 1071.0 | 1042.0 | 1049.9 | 1034.1 | 1036.8 |
| 17.5°  | 1458.8 | 1387.6 | 1297.9 | 1197.7 | 1121.2 | 1065.8 | 1007.7 | 973.4  | 976.1  | 978.7  | 981.4  |
| 20°    | 1498.4 | 1408.7 | 1284.7 | 1166.0 | 1073.7 | 994.5  | 928.6  | 902.2  | 894.3  | 899.6  | 902.2  |
| 22.5°  | 1559.1 | 1456.2 | 1279.4 | 1150.2 | 1007.7 | 931.2  | 873.2  | 820.4  | 815.2  | 815.2  | 815.2  |
| 25°    | 1659.3 | 1527.4 | 1303.2 | 1097.4 | 973.4  | 857.4  | 791.4  | 741.3  | 717.5  | 720.2  | 722.8  |
| 27.5°  | 1812.3 | 1640.9 | 1326.9 | 1100.1 | 894.3  | 791.4  | 709.6  | 654.2  | 641.0  | 643.7  | 646.3  |
| 30°    | 1973.3 | 1793.9 | 1387.6 | 1047.3 | 849.4  | 691.2  | 606.7  | 567.2  | 551.4  | 543.4  | 546.1  |
| 32.5°  | 2097.2 | 1928.4 | 1472.0 | 1031.5 | 767.7  | 583.0  | 530.2  | 498.6  | 477.5  | 469.6  | 469.6  |
| 35°    | 2295.1 | 2060.3 | 1540.6 | 991.9  | 683.3  | 514.4  | 472.2  | 437.9  | 427.4  | 422.1  | 422.1  |
| 37.5°  | 2463.9 | 2205.4 | 1611.8 | 976.1  | 580.4  | 461.7  | 408.9  | 387.8  | 387.8  | 382.5  | 379.9  |
| 40°    | 2646.0 | 2358.4 | 1651.4 | 928.6  | 501.2  | 406.3  | 353.5  | 350.9  | 358.8  | 358.8  | 358.8  |
| 42.5°  | 2864.9 | 2516.7 | 1693.6 | 873.2  | 440.6  | 342.9  | 313.9  | 335.0  | 353.5  | 358.8  | 358.8  |
| 45°    | 3028.5 | 2616.9 | 1712.1 | 754.5  | 379.9  | 298.1  | 308.7  | 329.8  | 353.5  | 361.4  | 358.8  |
| 47.5°  | 3168.3 | 2762.0 | 1685.7 | 609.4  | 327.1  | 290.2  | 303.4  | 321.8  | 350.9  | 361.4  | 361.4  |
| 50°    | 3308.1 | 2886.0 | 1667.2 | 440.6  | 306.0  | 290.2  | 303.4  | 311.3  | 342.9  | 356.1  | 356.1  |
| 52.5°  | 3513.9 | 2983.6 | 1593.4 | 369.3  | 290.2  | 292.8  | 308.7  | 308.7  | 337.7  | 353.5  | 361.4  |
| 55°    | 3777.7 | 3207.9 | 1453.6 | 345.6  | 284.9  | 290.2  | 311.3  | 311.3  | 332.4  | 348.2  | 353.5  |
| 57.5°  | 3885.8 | 3287.0 | 1213.5 | 324.5  | 279.6  | 290.2  | 303.4  | 308.7  | 335.0  | 345.6  | 342.9  |
| 60°    | 4028.3 | 3416.3 | 994.5  | 303.4  | 269.1  | 284.9  | 292.8  | 311.3  | 332.4  | 335.0  | 332.4  |
| 62.5°  | 4104.8 | 3432.1 | 823.1  | 282.3  | 261.2  | 277.0  | 279.6  | 300.7  | 321.8  | 329.8  | 332.4  |
| 65°    | 4147.0 | 3416.3 | 609.4  | 261.2  | 253.3  | 266.4  | 269.1  | 287.5  | 308.7  | 313.9  | 316.6  |
| 67.5°  | 3994.0 | 3308.1 | 422.1  | 240.1  | 245.3  | 253.3  | 258.5  | 277.0  | 292.8  | 308.7  | 313.9  |
| 70°    | 3719.6 | 2994.2 | 300.7  | 213.7  | 232.1  | 240.1  | 250.6  | 269.1  | 284.9  | 306.0  | 311.3  |
| 72.5°  | 3416.3 | 2411.2 | 221.6  | 182.0  | 213.7  | 224.2  | 242.7  | 255.9  | 279.6  | 306.0  | 313.9  |
| 75°    | 3131.4 | 2115.7 | 176.7  | 155.6  | 182.0  | 205.8  | 229.5  | 248.0  | 282.3  | 374.6  | 387.8  |
| 77.5°  | 2221.2 | 1429.8 | 158.3  | 137.2  | 155.6  | 179.4  | 211.0  | 242.7  | 393.1  | 445.8  | 448.5  |
| 80°    | 1611.8 | 841.5  | 142.5  | 121.3  | 134.5  | 145.1  | 192.6  | 298.1  | 435.3  | 411.5  | 411.5  |
| 82.5°  | 807.2  | 451.1  | 134.5  | 108.2  | 116.1  | 118.7  | 171.5  | 379.9  | 350.9  | 366.7  | 369.3  |
| 85°    | 390.4  | 219.0  | 110.8  | 95.0   | 100.2  | 97.6   | 160.9  | 361.4  | 332.4  | 335.0  | 329.8  |
| 87.5°  | 245.3  | 134.5  | 87.1   | 79.1   | 81.8   | 79.1   | 153.0  | 345.6  | 348.2  | 284.9  | 290.2  |
| 90°    | 221.6  | 158.3  | 68.6   | 63.3   | 55.4   | 66.0   | 137.2  | 321.8  | 340.3  | 205.8  | 171.5  |
| 92.5°  | 213.7  | 171.5  | 50.1   | 44.8   | 39.6   | 52.8   | 102.9  | 261.2  | 208.4  | 87.1   | 52.8   |
| 95°    | 189.9  | 150.4  | 42.2   | 31.7   | 36.9   | 44.8   | 66.0   | 174.1  | 139.8  | 0.0    | 0.0    |
| 97.5°  | 142.5  | 110.8  | 34.3   | 21.1   | 118.7  | 39.6   | 36.9   | 113.4  | 39.6   | 0.0    | 0.0    |
| 100°   | 89.7   | 68.6   | 26.4   | 15.8   | 134.5  | 26.4   | 23.7   | 66.0   | 0.0    | 0.0    | 0.0    |
| 102.5° | 50.1   | 36.9   | 13.2   | 10.6   | 58.0   | 13.2   | 15.8   | 15.8   | 0.0    | 0.0    | 0.0    |
| 105°   | 21.1   | 18.5   | 5.3    | 5.3    | 5.3    | 2.6    | 7.9    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 5.3    | 7.9    | 2.6    | 2.6    | 2.6    | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P691579

CATALOG NUMBER: CRTK2-C018-5TLD-U-T2-7040

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 2.6 | 2.6 | 2.6  | 5.3  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 2.6 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 2.6 | 2.6  | 2.6  | 2.6  | 2.6  | 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)