

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: P691756

Luminaire Tested: **CRTK2-C01H-5TLD-U-T2-7040-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691756  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C01H-5TLD-U-T2-7040-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K LED WITH TYPE II OPTIC AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9051.9 lumens  
Efficiency: N/A  
Efficacy: 120.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type II - Short  
BUG Rating: B1 - U3 - G2

Input Watts (W): 74.9  
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

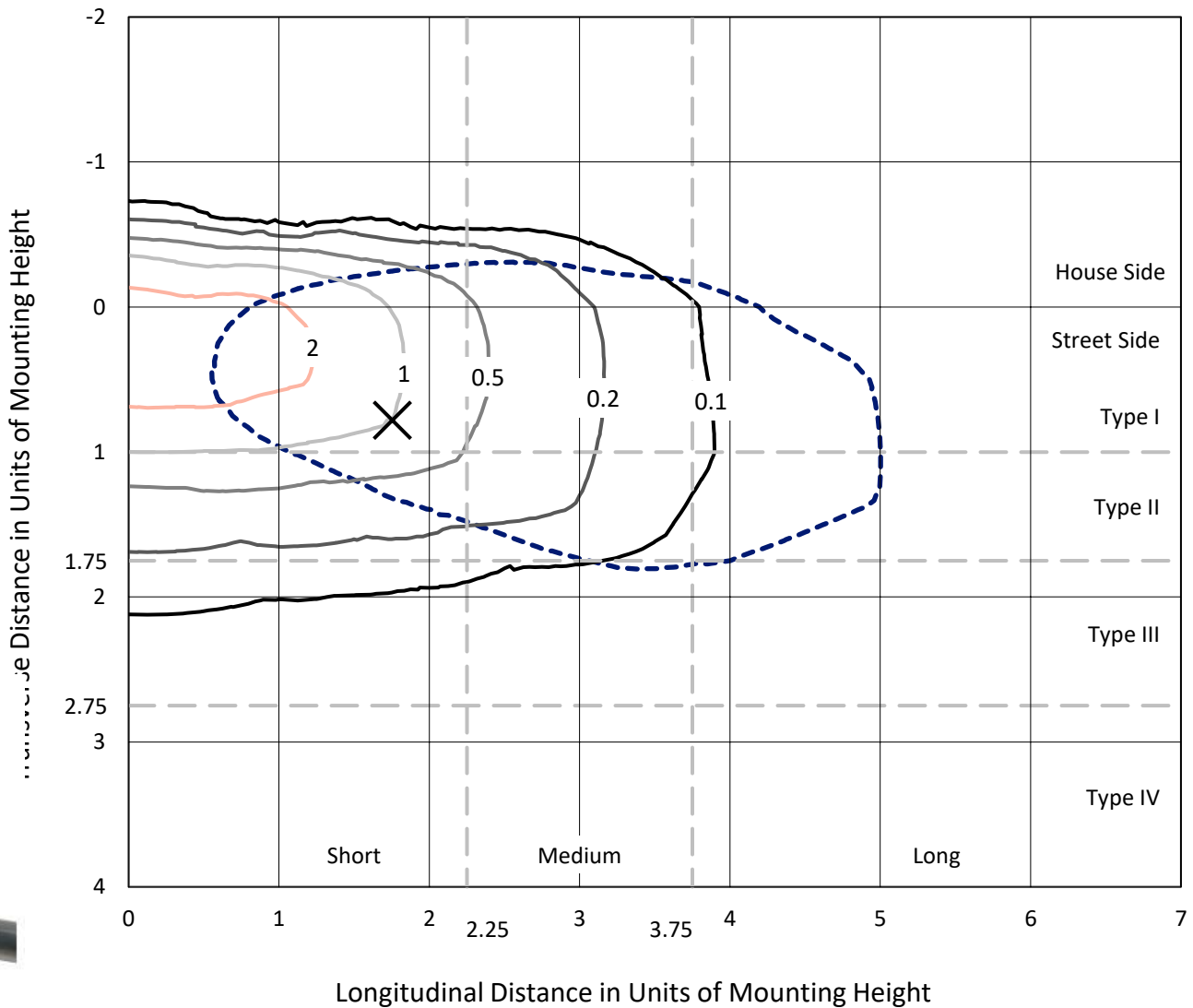


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

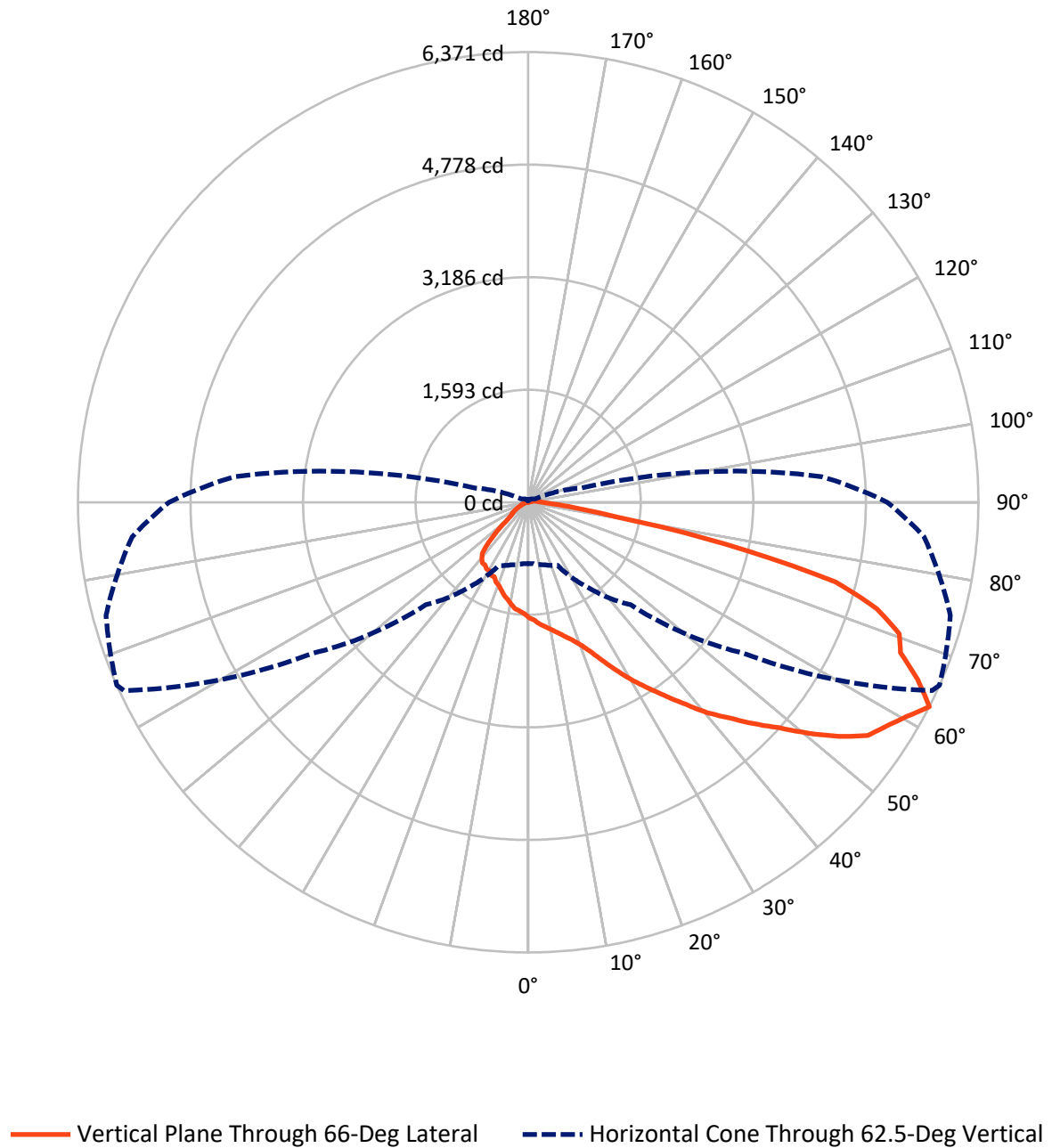


Based on 25 foot mounting height. Maximum calculated value = 3.1 fc  
 Type II - Short - N/A

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## Luminous Intensity Polar Plot



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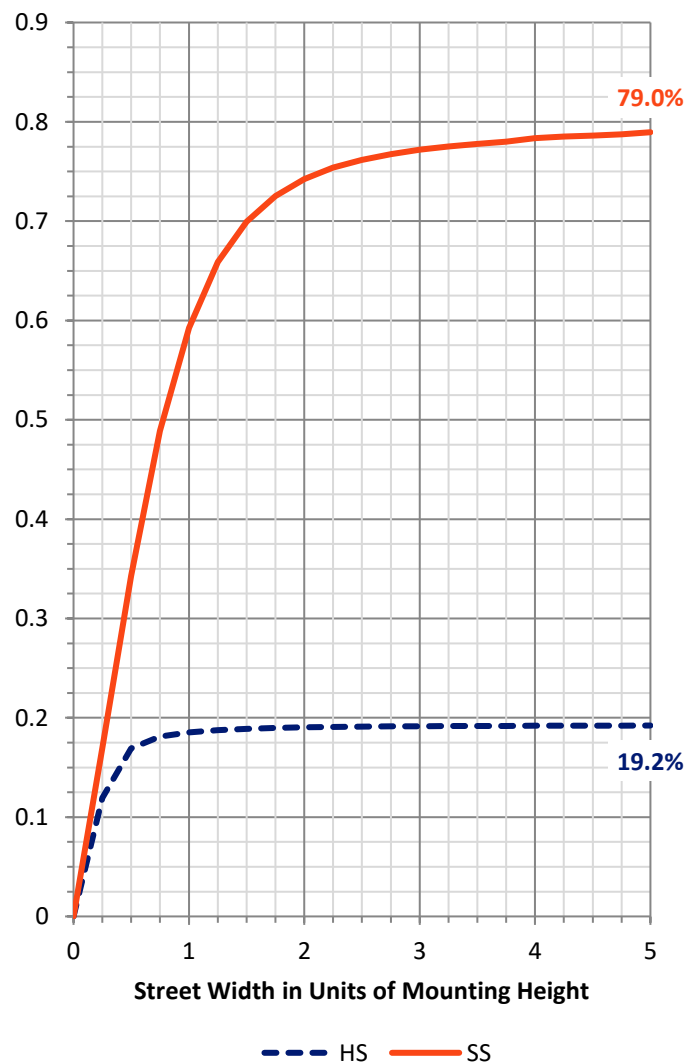
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1764.9   | 24.8   | 1789.7 |
|                    | % Fixture | 19.5     | 0.3    | 19.8   |
| <b>Street Side</b> | Lumens    | 7193.2   | 69.0   | 7262.2 |
|                    | % Fixture | 79.5     | 0.8    | 80.2   |
| <b>Total</b>       | Lumens    | 8958.1   | 93.8   | 9051.9 |
|                    | % Fixture | 99.0     | 1.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 155.4  | 1.7       |
| 10°-20°   | 455.5  | 5.0       |
| 20°-30°   | 766.4  | 8.5       |
| 30°-40°   | 1139.7 | 12.6      |
| 40°-50°   | 1507.9 | 16.7      |
| 50°-60°   | 1755.7 | 19.4      |
| 60°-70°   | 1752.8 | 19.4      |
| 70°-80°   | 1176.2 | 13.0      |
| 80°-90°   | 248.5  | 2.7       |
| 90°-100°  | 75.7   | 0.8       |
| 100°-110° | 13.2   | 0.1       |
| 110°-120° | 1.0    | 0.0       |
| 120°-130° | 1.1    | 0.0       |
| 130°-140° | 1.1    | 0.0       |
| 140°-150° | 0.8    | 0.0       |
| 150°-160° | 0.6    | 0.0       |
| 160°-170° | 0.3    | 0.0       |
| 170°-180° | 0.1    | 0.0       |
| 0°-90°    | 8958.1 | 99.0      |
| 0°-180°   | 9051.9 | 100.0     |

**Coefficient of Utilization**



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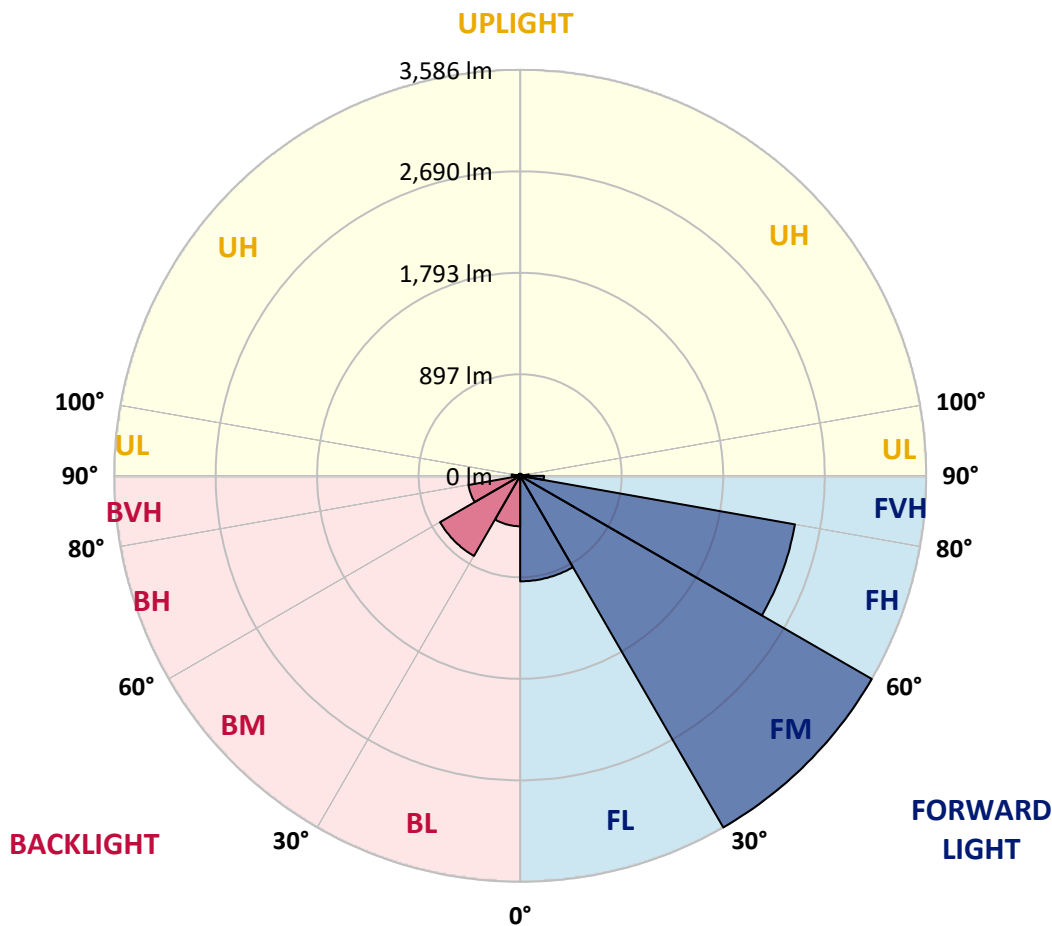
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 931.9  | 10.3      |                         |        |         |
| FM   | (30°-60°)   | 3586.1 | 39.6      |                         |        |         |
| FH   | (60°-80°)   | 2464.9 | 27.2      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 210.3  | 2.3       |                         |        | G2/225  |
| BL   | (0°-30°)    | 445.3  | 4.9       | B1/500                  |        |         |
| BM   | (30°-60°)   | 817.2  | 9.0       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 464.1  | 5.1       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 38.2   | 0.4       |                         |        | G1/100  |
| UL   | (90°-100°)  | 75.7   | 0.8       |                         | U3/500 |         |
| UH   | (100°-180°) | 18.1   | 0.2       |                         | U2/50  |         |

**BUG Rating: B1-U3-G2**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 |
| 2.5°   | 1745.8 | 1735.8 | 1739.1 | 1722.4 | 1705.7 | 1695.6 | 1685.6 | 1668.9 | 1668.9 | 1655.5 | 1638.8 |
| 5°     | 1869.5 | 1872.9 | 1869.5 | 1849.5 | 1829.4 | 1799.3 | 1762.5 | 1732.4 | 1732.4 | 1702.3 | 1662.2 |
| 7.5°   | 1953.1 | 1949.8 | 1949.8 | 1926.4 | 1913.0 | 1896.3 | 1852.8 | 1785.9 | 1782.6 | 1742.4 | 1692.3 |
| 10°    | 1986.6 | 1989.9 | 2003.3 | 1969.9 | 1956.5 | 1933.1 | 1909.7 | 1842.8 | 1836.1 | 1769.2 | 1688.9 |
| 12.5°  | 2060.2 | 2063.5 | 2056.8 | 2030.1 | 2013.3 | 1996.6 | 1959.8 | 1903.0 | 1896.3 | 1822.7 | 1712.3 |
| 15°    | 2147.1 | 2147.1 | 2137.1 | 2110.3 | 2100.3 | 2076.9 | 2033.4 | 1979.9 | 1973.2 | 1889.6 | 1755.8 |
| 17.5°  | 2193.9 | 2200.6 | 2200.6 | 2163.8 | 2167.2 | 2157.1 | 2133.7 | 2063.5 | 2053.5 | 1976.5 | 1816.0 |
| 20°    | 2217.3 | 2220.7 | 2227.4 | 2227.4 | 2224.0 | 2220.7 | 2234.1 | 2170.5 | 2163.8 | 2073.5 | 1886.3 |
| 22.5°  | 2284.2 | 2290.9 | 2307.6 | 2297.6 | 2307.6 | 2321.0 | 2324.4 | 2321.0 | 2311.0 | 2214.0 | 2003.3 |
| 25°    | 2314.3 | 2334.4 | 2357.8 | 2387.9 | 2418.0 | 2438.1 | 2484.9 | 2508.3 | 2501.6 | 2408.0 | 2187.2 |
| 27.5°  | 2280.9 | 2301.0 | 2384.6 | 2441.4 | 2535.1 | 2591.9 | 2678.9 | 2715.7 | 2712.3 | 2635.4 | 2377.9 |
| 30°    | 2337.7 | 2344.4 | 2381.2 | 2461.5 | 2581.9 | 2739.1 | 2859.5 | 2916.3 | 2929.7 | 2859.5 | 2578.5 |
| 32.5°  | 2254.1 | 2277.5 | 2381.2 | 2531.7 | 2712.3 | 2879.5 | 2996.6 | 3123.7 | 3140.4 | 3110.3 | 2842.8 |
| 35°    | 2247.4 | 2264.2 | 2321.0 | 2484.9 | 2715.7 | 3026.7 | 3187.2 | 3361.1 | 3374.5 | 3384.5 | 3110.3 |
| 37.5°  | 2153.8 | 2177.2 | 2290.9 | 2498.3 | 2816.0 | 3123.7 | 3347.8 | 3598.6 | 3632.0 | 3672.2 | 3334.4 |
| 40°    | 2050.1 | 2066.8 | 2163.8 | 2384.6 | 2792.6 | 3237.4 | 3501.6 | 3886.2 | 3919.7 | 3969.8 | 3632.0 |
| 42.5°  | 1896.3 | 1933.1 | 2096.9 | 2334.4 | 2779.2 | 3270.8 | 3655.4 | 4140.4 | 4170.5 | 4240.7 | 3882.9 |
| 45°    | 1759.2 | 1775.9 | 1903.0 | 2163.8 | 2672.2 | 3331.0 | 3785.9 | 4438.0 | 4468.1 | 4501.6 | 4080.2 |
| 47.5°  | 1652.1 | 1672.2 | 1792.6 | 2026.7 | 2565.2 | 3317.7 | 3906.3 | 4732.3 | 4765.8 | 4842.7 | 4324.3 |
| 50°    | 1311.0 | 1361.2 | 1665.5 | 1892.9 | 2387.9 | 3290.9 | 4010.0 | 5060.1 | 5137.0 | 5167.1 | 4578.5 |
| 52.5°  | 1127.1 | 1143.8 | 1301.0 | 1772.5 | 2214.0 | 3193.9 | 4100.3 | 5418.0 | 5504.9 | 5448.1 | 4919.6 |
| 55°    | 1050.1 | 1060.2 | 1137.1 | 1535.1 | 2056.8 | 2996.6 | 4173.8 | 5762.4 | 5826.0 | 5645.4 | 5170.5 |
| 57.5°  | 993.3  | 1010.0 | 1043.5 | 1244.1 | 1872.9 | 2665.5 | 4177.2 | 5953.1 | 5976.5 | 5809.3 | 5290.9 |
| 60°    | 919.7  | 926.4  | 996.6  | 1083.6 | 1665.5 | 2321.0 | 4063.5 | 6050.0 | 6153.7 | 5999.9 | 5535.0 |
| 62.5°  | 866.2  | 872.9  | 916.4  | 986.6  | 1468.2 | 2050.1 | 3729.0 | 6307.6 | 6371.1 | 6183.8 | 5625.3 |
| 65°    | 799.3  | 809.3  | 846.1  | 916.4  | 1331.1 | 1886.3 | 3561.8 | 6240.7 | 6056.7 | 6140.3 | 5729.0 |
| 67.5°  | 729.1  | 735.8  | 775.9  | 829.4  | 1133.8 | 1729.1 | 3147.1 | 5815.9 | 5682.2 | 5923.0 | 5451.4 |
| 70°    | 655.5  | 662.2  | 699.0  | 735.8  | 933.1  | 1535.1 | 2622.0 | 5454.7 | 5568.5 | 5581.8 | 5190.5 |
| 72.5°  | 578.6  | 585.3  | 618.7  | 648.8  | 772.6  | 1290.9 | 2083.6 | 5093.5 | 5163.8 | 4959.8 | 4585.2 |
| 75°    | 501.7  | 505.0  | 531.8  | 561.9  | 642.1  | 1040.1 | 1491.6 | 4224.0 | 4491.6 | 4739.0 | 3956.4 |
| 77.5°  | 404.7  | 411.4  | 438.1  | 448.2  | 515.0  | 839.4  | 966.5  | 2511.7 | 2862.8 | 4147.1 | 3551.8 |
| 80°    | 297.7  | 301.0  | 327.8  | 324.4  | 384.6  | 612.0  | 608.7  | 1194.0 | 1284.3 | 2561.8 | 2608.6 |
| 82.5°  | 197.3  | 204.0  | 227.4  | 220.7  | 260.9  | 371.2  | 381.3  | 642.1  | 685.6  | 993.3  | 1143.8 |
| 85°    | 157.2  | 160.5  | 173.9  | 160.5  | 173.9  | 187.3  | 210.7  | 388.0  | 394.6  | 588.6  | 585.3  |
| 87.5°  | 127.1  | 130.4  | 143.8  | 133.8  | 137.1  | 143.8  | 167.2  | 247.5  | 254.2  | 371.2  | 384.6  |
| 90°    | 100.3  | 103.7  | 120.4  | 110.4  | 110.4  | 120.4  | 140.5  | 183.9  | 194.0  | 291.0  | 314.4  |
| 92.5°  | 66.9   | 66.9   | 76.9   | 73.6   | 73.6   | 87.0   | 123.7  | 137.1  | 147.2  | 270.9  | 284.3  |
| 95°    | 50.2   | 50.2   | 53.5   | 53.5   | 53.5   | 63.5   | 93.6   | 130.4  | 143.8  | 264.2  | 257.5  |
| 97.5°  | 33.4   | 33.4   | 36.8   | 36.8   | 36.8   | 40.1   | 53.5   | 107.0  | 120.4  | 214.0  | 210.7  |
| 100°   | 23.4   | 23.4   | 23.4   | 20.1   | 20.1   | 20.1   | 30.1   | 70.2   | 80.3   | 137.1  | 137.1  |
| 102.5° | 16.7   | 13.4   | 13.4   | 13.4   | 10.0   | 10.0   | 13.4   | 33.4   | 36.8   | 73.6   | 70.2   |
| 105°   | 3.3    | 3.3    | 6.7    | 6.7    | 6.7    | 3.3    | 3.3    | 13.4   | 13.4   | 30.1   | 30.1   |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.3    |
| 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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**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 | 3.3 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 |
| 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 | 3.3 |
| 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°     | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 | 1635.4 |
| 2.5°   | 1628.7 | 1618.7 | 1595.3 | 1575.2 | 1558.5 | 1541.8 | 1515.0 | 1505.0 | 1498.3 | 1508.3 | 1508.3 |
| 5°     | 1638.8 | 1612.0 | 1571.9 | 1538.4 | 1508.3 | 1471.5 | 1431.4 | 1408.0 | 1387.9 | 1398.0 | 1398.0 |
| 7.5°   | 1655.5 | 1618.7 | 1568.5 | 1511.7 | 1434.8 | 1371.2 | 1321.0 | 1290.9 | 1274.2 | 1284.3 | 1290.9 |
| 10°    | 1645.5 | 1605.3 | 1538.4 | 1451.5 | 1361.2 | 1294.3 | 1230.7 | 1183.9 | 1167.2 | 1160.5 | 1167.2 |
| 12.5°  | 1655.5 | 1608.7 | 1495.0 | 1391.3 | 1304.3 | 1197.3 | 1120.4 | 1070.2 | 1050.1 | 1050.1 | 1050.1 |
| 15°    | 1688.9 | 1618.7 | 1468.2 | 1347.8 | 1214.0 | 1110.3 | 1030.1 | 976.6  | 969.9  | 946.5  | 946.5  |
| 17.5°  | 1735.8 | 1628.7 | 1458.2 | 1280.9 | 1133.8 | 1026.7 | 933.1  | 879.6  | 862.9  | 866.2  | 866.2  |
| 20°    | 1782.6 | 1648.8 | 1438.1 | 1224.1 | 1060.2 | 933.1  | 836.1  | 785.9  | 745.8  | 732.4  | 739.1  |
| 22.5°  | 1862.8 | 1705.7 | 1421.4 | 1194.0 | 976.6  | 856.2  | 749.1  | 665.5  | 598.7  | 578.6  | 568.6  |
| 25°    | 1979.9 | 1796.0 | 1444.8 | 1123.7 | 926.4  | 769.2  | 642.1  | 525.1  | 444.8  | 424.7  | 421.4  |
| 27.5°  | 2193.9 | 1936.4 | 1471.5 | 1123.7 | 846.1  | 692.3  | 511.7  | 388.0  | 324.4  | 304.3  | 311.0  |
| 30°    | 2394.6 | 2127.0 | 1548.5 | 1063.5 | 812.7  | 555.2  | 381.3  | 291.0  | 234.1  | 210.7  | 217.4  |
| 32.5°  | 2561.8 | 2307.6 | 1655.5 | 1050.1 | 715.7  | 411.4  | 277.6  | 204.0  | 163.9  | 150.5  | 153.8  |
| 35°    | 2802.6 | 2461.5 | 1739.1 | 1003.3 | 588.6  | 301.0  | 194.0  | 143.8  | 127.1  | 120.4  | 120.4  |
| 37.5°  | 3033.4 | 2648.8 | 1822.7 | 993.3  | 434.8  | 220.7  | 130.4  | 117.1  | 113.7  | 103.7  | 103.7  |
| 40°    | 3254.1 | 2839.4 | 1859.5 | 936.4  | 307.7  | 143.8  | 110.4  | 107.0  | 103.7  | 93.6   | 93.6   |
| 42.5°  | 3525.0 | 3023.4 | 1892.9 | 862.9  | 214.0  | 107.0  | 97.0   | 100.3  | 97.0   | 87.0   | 83.6   |
| 45°    | 3732.4 | 3147.1 | 1903.0 | 675.6  | 137.1  | 100.3  | 90.3   | 93.6   | 90.3   | 80.3   | 80.3   |
| 47.5°  | 3906.3 | 3314.3 | 1862.8 | 461.5  | 113.7  | 93.6   | 83.6   | 87.0   | 83.6   | 76.9   | 73.6   |
| 50°    | 4083.5 | 3468.2 | 1826.1 | 247.5  | 107.0  | 90.3   | 80.3   | 73.6   | 76.9   | 70.2   | 66.9   |
| 52.5°  | 4324.3 | 3581.9 | 1729.1 | 150.5  | 100.3  | 83.6   | 73.6   | 66.9   | 66.9   | 60.2   | 63.5   |
| 55°    | 4655.4 | 3862.8 | 1548.5 | 140.5  | 97.0   | 80.3   | 70.2   | 60.2   | 60.2   | 53.5   | 53.5   |
| 57.5°  | 4802.6 | 3973.2 | 1257.5 | 127.1  | 93.6   | 80.3   | 63.5   | 53.5   | 46.8   | 43.5   | 40.1   |
| 60°    | 4983.2 | 4137.0 | 989.9  | 117.1  | 87.0   | 76.9   | 56.9   | 46.8   | 36.8   | 33.4   | 33.4   |
| 62.5°  | 5083.5 | 4170.5 | 772.6  | 107.0  | 83.6   | 66.9   | 50.2   | 36.8   | 30.1   | 23.4   | 23.4   |
| 65°    | 5133.7 | 4147.1 | 515.0  | 97.0   | 76.9   | 63.5   | 43.5   | 30.1   | 20.1   | 16.7   | 16.7   |
| 67.5°  | 4943.0 | 4023.3 | 297.7  | 90.3   | 73.6   | 56.9   | 36.8   | 23.4   | 16.7   | 13.4   | 10.0   |
| 70°    | 4618.6 | 3662.1 | 187.3  | 80.3   | 70.2   | 50.2   | 33.4   | 20.1   | 13.4   | 10.0   | 6.7    |
| 72.5°  | 4237.4 | 2989.9 | 137.1  | 73.6   | 66.9   | 43.5   | 26.8   | 16.7   | 10.0   | 6.7    | 6.7    |
| 75°    | 3869.5 | 2605.3 | 117.1  | 63.5   | 56.9   | 36.8   | 23.4   | 13.4   | 10.0   | 6.7    | 3.3    |
| 77.5°  | 2769.2 | 1775.9 | 103.7  | 56.9   | 50.2   | 30.1   | 16.7   | 13.4   | 6.7    | 3.3    | 3.3    |
| 80°    | 1966.5 | 1043.5 | 93.6   | 46.8   | 40.1   | 23.4   | 16.7   | 10.0   | 6.7    | 3.3    | 3.3    |
| 82.5°  | 943.1  | 541.8  | 90.3   | 40.1   | 30.1   | 20.1   | 13.4   | 10.0   | 6.7    | 3.3    | 3.3    |
| 85°    | 428.1  | 230.8  | 66.9   | 36.8   | 26.8   | 20.1   | 13.4   | 10.0   | 6.7    | 6.7    | 3.3    |
| 87.5°  | 260.9  | 120.4  | 53.5   | 30.1   | 20.1   | 16.7   | 10.0   | 6.7    | 6.7    | 6.7    | 6.7    |
| 90°    | 244.1  | 157.2  | 40.1   | 23.4   | 16.7   | 13.4   | 10.0   | 3.3    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 234.1  | 180.6  | 30.1   | 16.7   | 10.0   | 10.0   | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 220.7  | 170.6  | 33.4   | 10.0   | 16.7   | 6.7    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 173.9  | 133.8  | 36.8   | 10.0   | 83.6   | 6.7    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 110.4  | 83.6   | 26.8   | 10.0   | 100.3  | 6.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 63.5   | 46.8   | 13.4   | 10.0   | 30.1   | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 26.8   | 23.4   | 6.7    | 3.3    | 3.3    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 6.7    | 6.7    | 3.3    | 3.3    | 3.3    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P691756

CATALOG NUMBER: CRTK2-C01H-5TLD-U-T2-7040-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 3.3 | 3.3 | 3.3  | 6.7  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 3.3 | 3.3 | 3.3  | 6.7  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 3.3 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 3.3 | 3.3  | 3.3  | 3.3  | 3.3  | 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)