

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: P691811

Luminaire Tested: **CRTK2-C01H-5TLD-U-T3-8027**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691811  
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-C01H-5TLD-U-T3-8027  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 2700K LED WITH TYPE III OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8961.9 lumens  
Efficiency: N/A  
Efficacy: 119.7 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U3 - G2

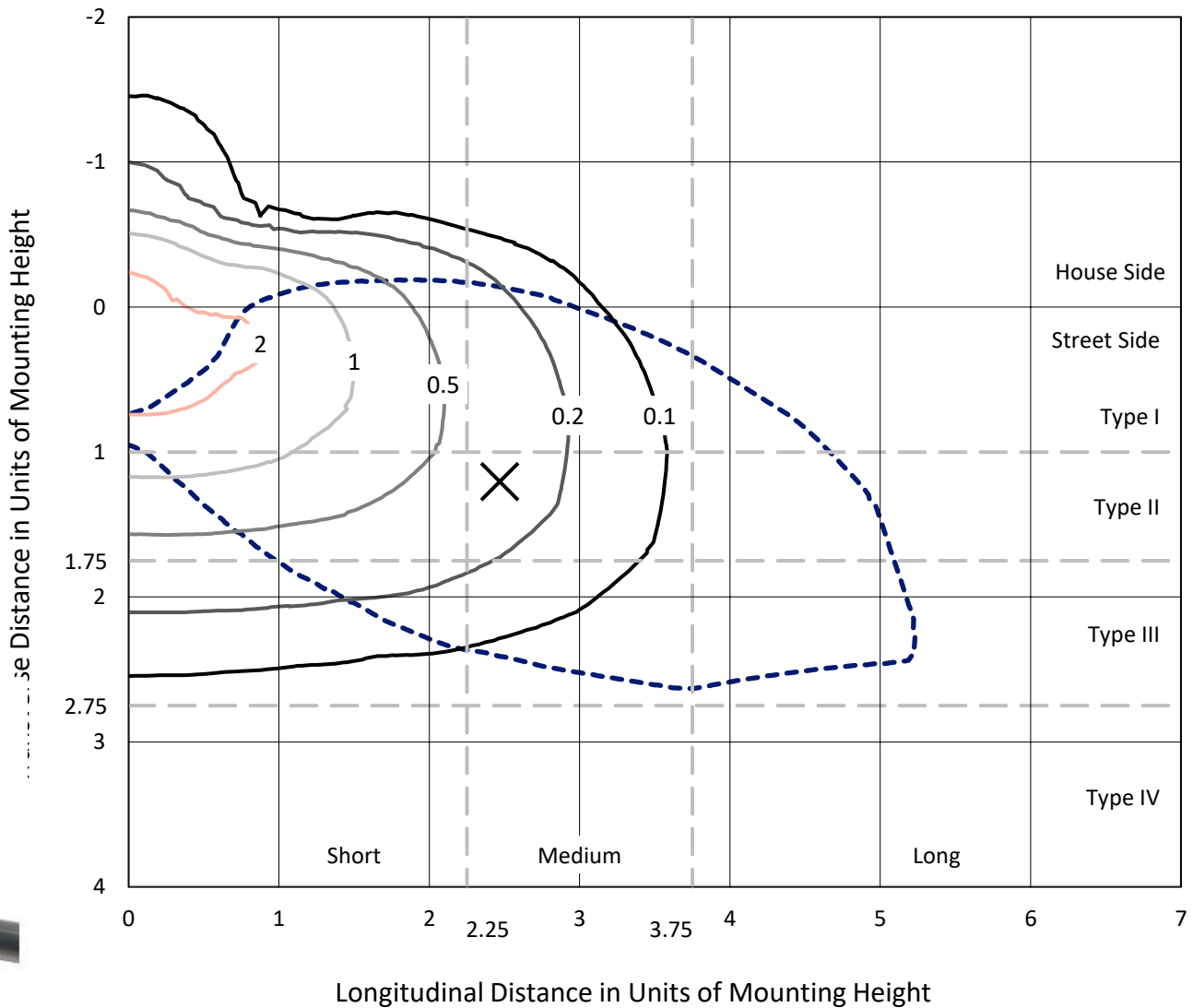
Input Watts (W): 74.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

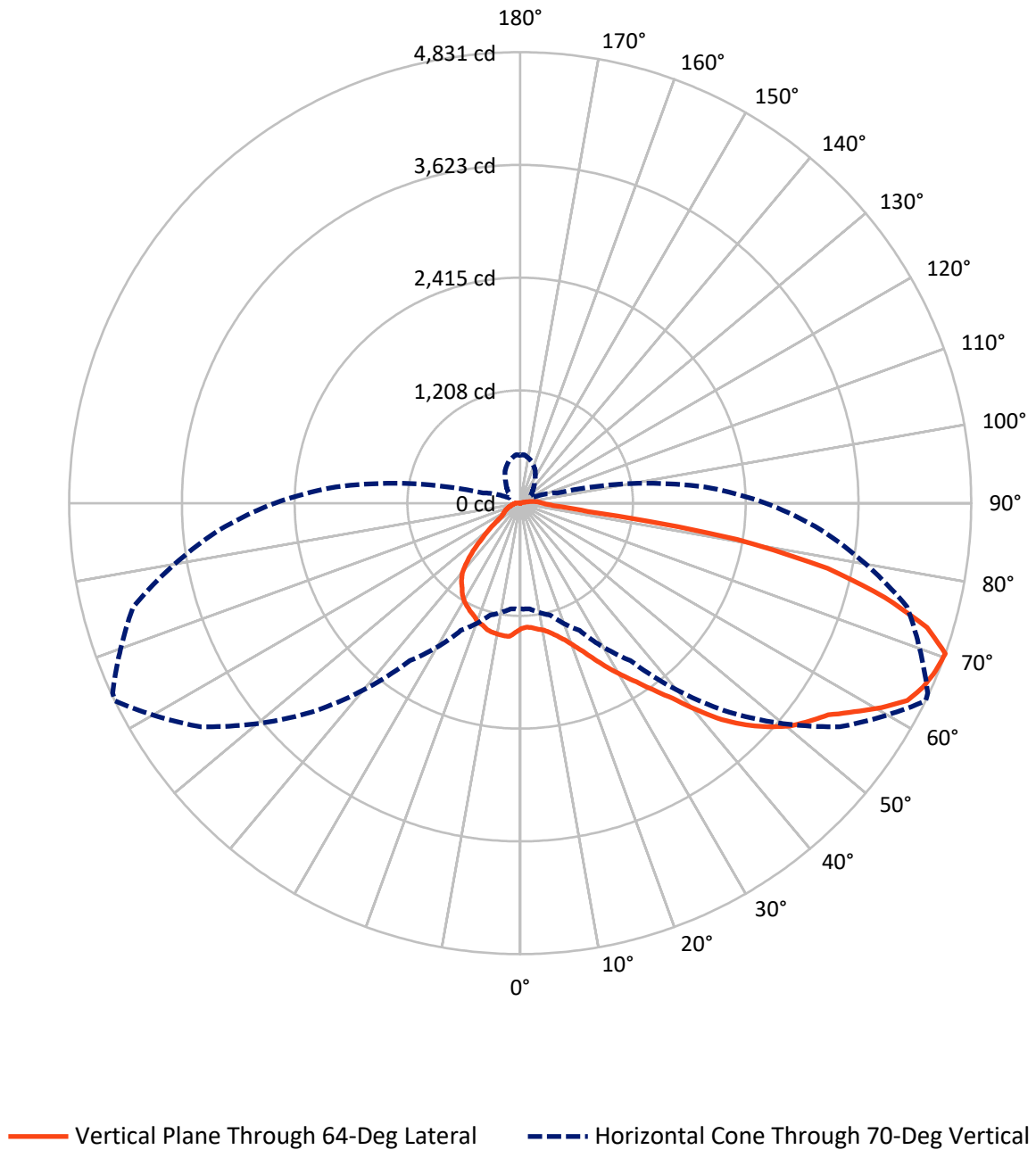
✕ Max cd  
 - - - 1/2 Max cd



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

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## Luminous Intensity Polar Plot



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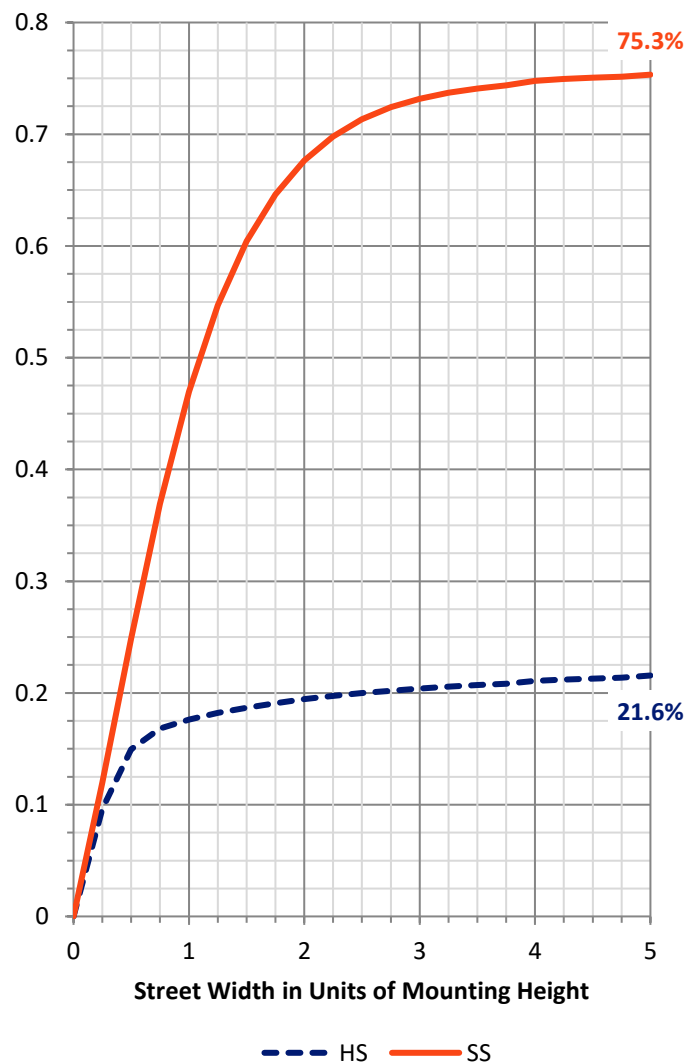
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2043.1   | 55.3   | 2098.4 |
|                    | % Fixture | 22.8     | 0.6    | 23.4   |
| <b>Street Side</b> | Lumens    | 6792.1   | 71.5   | 6863.6 |
|                    | % Fixture | 75.8     | 0.8    | 76.6   |
| <b>Total</b>       | Lumens    | 8835.2   | 126.8  | 8961.9 |
|                    | % Fixture | 98.6     | 1.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 134.0  | 1.5       |
| 10°-20°   | 417.3  | 4.7       |
| 20°-30°   | 723.9  | 8.1       |
| 30°-40°   | 1050.4 | 11.7      |
| 40°-50°   | 1409.7 | 15.7      |
| 50°-60°   | 1704.4 | 19.0      |
| 60°-70°   | 1834.7 | 20.5      |
| 70°-80°   | 1260.1 | 14.1      |
| 80°-90°   | 300.7  | 3.4       |
| 90°-100°  | 108.8  | 1.2       |
| 100°-110° | 13.6   | 0.2       |
| 110°-120° | 1.0    | 0.0       |
| 120°-130° | 0.9    | 0.0       |
| 130°-140° | 0.8    | 0.0       |
| 140°-150° | 0.7    | 0.0       |
| 150°-160° | 0.5    | 0.0       |
| 160°-170° | 0.3    | 0.0       |
| 170°-180° | 0.1    | 0.0       |
| 0°-90°    | 8835.2 | 98.6      |
| 0°-180°   | 8961.9 | 100.0     |

**Coefficient of Utilization**



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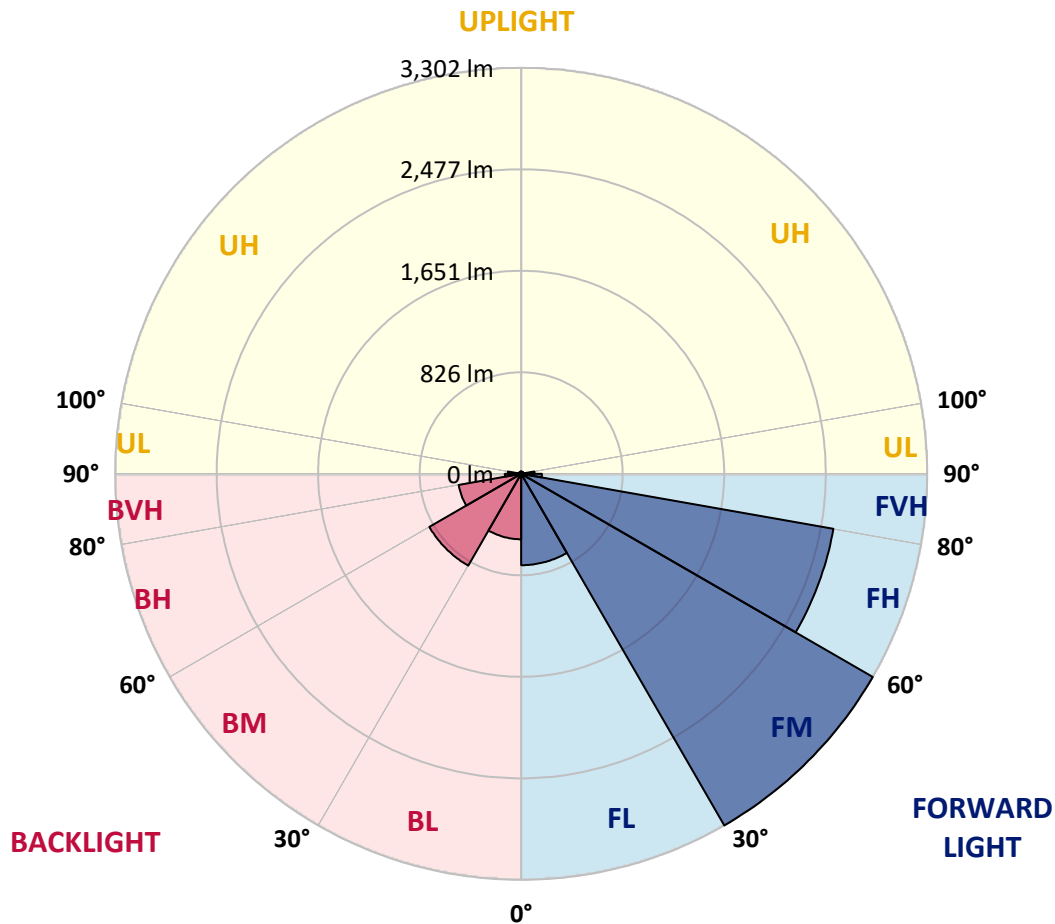
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 743.1  | 8.3       |                         |        |         |
| FM   | (30°-60°)   | 3302.3 | 36.8      |                         |        |         |
| FH   | (60°-80°)   | 2578.6 | 28.8      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 168.2  | 1.9       |                         |        | G2/225  |
| BL   | (0°-30°)    | 532.1  | 5.9       | B2/1000                 |        |         |
| BM   | (30°-60°)   | 862.3  | 9.6       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 516.3  | 5.8       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 132.5  | 1.5       |                         |        | G2/225  |
| UL   | (90°-100°)  | 108.8  | 1.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 18.0   | 0.2       |                         | U2/50  |         |

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

Type III Medium



REPORT NUMBER: P691811

CATALOG NUMBER: CRTK2-C01H-5TLD-U-T3-8027

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 64°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 |
| 2.5°   | 1333.2 | 1333.2 | 1330.3 | 1330.3 | 1333.2 | 1336.2 | 1333.2 | 1330.3 | 1333.2 | 1336.2 | 1345.0 |
| 5°     | 1386.1 | 1383.2 | 1380.2 | 1368.5 | 1356.7 | 1347.9 | 1342.1 | 1339.1 | 1342.1 | 1353.8 | 1374.4 |
| 7.5°   | 1421.3 | 1418.4 | 1418.4 | 1415.5 | 1403.7 | 1380.2 | 1365.6 | 1362.6 | 1362.6 | 1365.6 | 1392.0 |
| 10°    | 1494.8 | 1488.9 | 1477.1 | 1456.6 | 1444.8 | 1415.5 | 1389.0 | 1383.2 | 1383.2 | 1389.0 | 1421.3 |
| 12.5°  | 1574.1 | 1562.3 | 1565.2 | 1541.8 | 1506.5 | 1474.2 | 1436.0 | 1421.3 | 1415.5 | 1421.3 | 1439.0 |
| 15°    | 1682.7 | 1673.9 | 1650.4 | 1624.0 | 1588.7 | 1544.7 | 1497.7 | 1474.2 | 1471.3 | 1480.1 | 1465.4 |
| 17.5°  | 1762.0 | 1750.3 | 1753.2 | 1715.0 | 1685.6 | 1626.9 | 1582.9 | 1538.8 | 1538.8 | 1550.6 | 1512.4 |
| 20°    | 1844.2 | 1838.4 | 1847.2 | 1838.4 | 1794.3 | 1741.4 | 1676.8 | 1624.0 | 1615.2 | 1621.0 | 1565.2 |
| 22.5°  | 1950.0 | 1941.1 | 1941.1 | 1944.1 | 1908.8 | 1856.0 | 1779.6 | 1726.8 | 1723.8 | 1700.3 | 1624.0 |
| 25°    | 2058.6 | 2049.8 | 2046.9 | 2052.7 | 2046.9 | 1985.2 | 1905.9 | 1853.0 | 1844.2 | 1811.9 | 1703.3 |
| 27.5°  | 2161.4 | 2161.4 | 2164.3 | 2170.2 | 2179.0 | 2129.1 | 2052.7 | 1994.0 | 1994.0 | 1958.8 | 1809.0 |
| 30°    | 2237.7 | 2237.7 | 2264.2 | 2275.9 | 2284.7 | 2273.0 | 2190.8 | 2135.0 | 2140.8 | 2093.8 | 1929.4 |
| 32.5°  | 2308.2 | 2311.2 | 2340.5 | 2369.9 | 2378.7 | 2387.5 | 2317.0 | 2281.8 | 2281.8 | 2237.7 | 2058.6 |
| 35°    | 2378.7 | 2378.7 | 2419.8 | 2478.6 | 2507.9 | 2499.1 | 2466.8 | 2455.1 | 2458.0 | 2449.2 | 2249.5 |
| 37.5°  | 2434.5 | 2440.4 | 2502.0 | 2575.5 | 2616.6 | 2631.3 | 2613.6 | 2651.8 | 2687.1 | 2713.5 | 2499.1 |
| 40°    | 2490.3 | 2490.3 | 2549.0 | 2628.3 | 2701.7 | 2742.9 | 2766.3 | 2910.2 | 2936.7 | 2945.5 | 2640.1 |
| 42.5°  | 2431.6 | 2446.2 | 2569.6 | 2687.1 | 2781.0 | 2851.5 | 2957.2 | 3171.6 | 3203.9 | 3104.1 | 2831.0 |
| 45°    | 2375.8 | 2393.4 | 2516.7 | 2713.5 | 2848.6 | 2989.5 | 3171.6 | 3388.9 | 3415.3 | 3265.6 | 2945.5 |
| 47.5°  | 2320.0 | 2340.5 | 2475.6 | 2690.0 | 2910.2 | 3142.2 | 3339.0 | 3579.8 | 3591.6 | 3397.7 | 3074.7 |
| 50°    | 2261.2 | 2281.8 | 2425.7 | 2663.6 | 2948.4 | 3297.9 | 3506.4 | 3753.1 | 3753.1 | 3515.2 | 3151.0 |
| 52.5°  | 2187.8 | 2211.3 | 2358.1 | 2622.4 | 2977.8 | 3403.6 | 3659.1 | 3879.3 | 3855.9 | 3656.2 | 3236.2 |
| 55°    | 2093.8 | 2126.2 | 2281.8 | 2563.7 | 2989.5 | 3459.4 | 3756.0 | 4002.7 | 3996.8 | 3829.4 | 3344.9 |
| 57.5°  | 1994.0 | 2020.4 | 2187.8 | 2487.4 | 2977.8 | 3497.6 | 3858.8 | 4217.1 | 4225.9 | 3979.2 | 3430.0 |
| 60°    | 1882.4 | 1900.0 | 2061.5 | 2381.6 | 2901.4 | 3565.1 | 4090.8 | 4446.1 | 4457.9 | 4117.2 | 3462.3 |
| 62.5°  | 1735.6 | 1747.3 | 1900.0 | 2237.7 | 2798.6 | 3609.2 | 4258.2 | 4654.6 | 4648.8 | 4240.6 | 3468.2 |
| 65°    | 1550.6 | 1565.2 | 1709.1 | 2046.9 | 2645.9 | 3579.8 | 4299.3 | 4745.7 | 4751.5 | 4299.3 | 3459.4 |
| 67.5°  | 1371.4 | 1380.2 | 1500.6 | 1794.3 | 2399.3 | 3438.8 | 4258.2 | 4798.5 | 4825.0 | 4349.2 | 3374.2 |
| 70°    | 1133.6 | 1136.5 | 1242.2 | 1503.6 | 2058.6 | 3168.7 | 4175.9 | 4830.8 | 4816.1 | 4290.5 | 3227.4 |
| 72.5°  | 872.2  | 875.1  | 954.4  | 1151.2 | 1600.5 | 2698.8 | 3885.2 | 4557.7 | 4531.3 | 3967.4 | 2910.2 |
| 75°    | 619.6  | 631.4  | 678.4  | 807.6  | 1071.9 | 1970.5 | 3324.3 | 4035.0 | 4052.6 | 3529.9 | 2425.7 |
| 77.5°  | 352.4  | 364.1  | 402.3  | 505.1  | 616.7  | 1104.2 | 2510.9 | 3365.4 | 3377.2 | 2969.0 | 1861.9 |
| 80°    | 152.7  | 155.6  | 170.3  | 240.8  | 328.9  | 528.6  | 1286.3 | 2358.1 | 2528.5 | 2017.5 | 1063.1 |
| 82.5°  | 129.2  | 129.2  | 135.1  | 141.0  | 143.9  | 240.8  | 499.2  | 731.2  | 754.7  | 596.1  | 346.5  |
| 85°    | 111.6  | 111.6  | 117.5  | 123.3  | 126.3  | 164.5  | 302.5  | 367.1  | 381.8  | 340.7  | 243.7  |
| 87.5°  | 88.1   | 88.1   | 96.9   | 102.8  | 102.8  | 135.1  | 226.1  | 273.1  | 281.9  | 273.1  | 217.3  |
| 90°    | 79.3   | 79.3   | 76.4   | 76.4   | 79.3   | 96.9   | 176.2  | 229.1  | 237.9  | 290.7  | 249.6  |
| 92.5°  | 67.5   | 70.5   | 70.5   | 70.5   | 61.7   | 70.5   | 126.3  | 202.6  | 220.3  | 287.8  | 226.1  |
| 95°    | 67.5   | 64.6   | 64.6   | 61.7   | 58.7   | 61.7   | 94.0   | 176.2  | 196.8  | 249.6  | 190.9  |
| 97.5°  | 47.0   | 44.1   | 47.0   | 49.9   | 52.9   | 55.8   | 79.3   | 129.2  | 143.9  | 193.8  | 141.0  |
| 100°   | 29.4   | 29.4   | 29.4   | 29.4   | 35.2   | 38.2   | 64.6   | 79.3   | 88.1   | 123.3  | 94.0   |
| 102.5° | 17.6   | 14.7   | 14.7   | 14.7   | 17.6   | 23.5   | 32.3   | 44.1   | 47.0   | 70.5   | 55.8   |
| 105°   | 5.9    | 5.9    | 5.9    | 5.9    | 8.8    | 11.7   | 11.7   | 17.6   | 17.6   | 23.5   | 23.5   |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.9    | 2.9    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.9    | 2.9    |



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**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 | 2.9 | 2.9 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 0.0 | 2.9 | 2.9 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 0.0 | 2.9 | 2.9 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 | 2.9 | 2.9 |
| 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°     | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 | 1345.0 |
| 2.5°   | 1350.9 | 1356.7 | 1368.5 | 1383.2 | 1400.8 | 1415.5 | 1427.2 | 1430.2 | 1436.0 | 1436.0 | 1441.9 |
| 5°     | 1380.2 | 1392.0 | 1409.6 | 1430.2 | 1439.0 | 1433.1 | 1433.1 | 1436.0 | 1441.9 | 1456.6 | 1462.5 |
| 7.5°   | 1412.5 | 1421.3 | 1421.3 | 1430.2 | 1447.8 | 1441.9 | 1439.0 | 1436.0 | 1436.0 | 1430.2 | 1439.0 |
| 10°    | 1424.3 | 1412.5 | 1427.2 | 1424.3 | 1418.4 | 1430.2 | 1433.1 | 1415.5 | 1418.4 | 1418.4 | 1421.3 |
| 12.5°  | 1427.2 | 1427.2 | 1415.5 | 1415.5 | 1415.5 | 1389.0 | 1383.2 | 1397.9 | 1383.2 | 1389.0 | 1386.1 |
| 15°    | 1459.5 | 1436.0 | 1421.3 | 1403.7 | 1380.2 | 1371.4 | 1350.9 | 1327.4 | 1327.4 | 1333.2 | 1333.2 |
| 17.5°  | 1483.0 | 1459.5 | 1415.5 | 1368.5 | 1359.7 | 1318.6 | 1303.9 | 1298.0 | 1295.1 | 1298.0 | 1303.9 |
| 20°    | 1518.3 | 1483.0 | 1409.6 | 1362.6 | 1286.3 | 1271.6 | 1245.1 | 1242.2 | 1236.3 | 1215.8 | 1209.9 |
| 22.5°  | 1565.2 | 1509.4 | 1406.7 | 1312.7 | 1251.0 | 1201.1 | 1154.1 | 1124.7 | 1121.8 | 1107.1 | 1098.3 |
| 25°    | 1618.1 | 1562.3 | 1418.4 | 1289.2 | 1186.4 | 1113.0 | 1074.8 | 1007.3 | 975.0  | 986.7  | 980.8  |
| 27.5°  | 1726.8 | 1624.0 | 1439.0 | 1256.9 | 1133.6 | 1019.0 | 930.9  | 889.8  | 848.7  | 848.7  | 854.6  |
| 30°    | 1826.6 | 1703.3 | 1439.0 | 1227.5 | 1045.5 | 907.4  | 792.9  | 728.3  | 710.7  | 698.9  | 693.1  |
| 32.5°  | 1976.4 | 1803.1 | 1500.6 | 1186.4 | 963.2  | 763.5  | 634.3  | 558.0  | 560.9  | 572.7  | 569.7  |
| 35°    | 2149.6 | 1961.7 | 1518.3 | 1127.7 | 842.8  | 619.6  | 490.4  | 449.3  | 472.8  | 478.7  | 478.7  |
| 37.5°  | 2358.1 | 2155.5 | 1597.5 | 1080.7 | 716.5  | 458.1  | 387.6  | 370.0  | 390.6  | 387.6  | 399.4  |
| 40°    | 2472.7 | 2249.5 | 1665.1 | 1022.0 | 549.2  | 337.7  | 299.5  | 287.8  | 320.1  | 346.5  | 352.4  |
| 42.5°  | 2634.2 | 2361.1 | 1729.7 | 910.4  | 373.0  | 246.7  | 229.1  | 267.2  | 314.2  | 343.6  | 346.5  |
| 45°    | 2722.3 | 2425.7 | 1703.3 | 772.3  | 237.9  | 199.7  | 223.2  | 270.2  | 320.1  | 349.5  | 352.4  |
| 47.5°  | 2828.0 | 2510.9 | 1656.3 | 602.0  | 190.9  | 196.8  | 226.1  | 276.0  | 328.9  | 355.3  | 355.3  |
| 50°    | 2933.7 | 2596.0 | 1541.8 | 472.8  | 179.1  | 193.8  | 232.0  | 279.0  | 326.0  | 343.6  | 343.6  |
| 52.5°  | 2995.4 | 2669.4 | 1406.7 | 343.6  | 176.2  | 193.8  | 234.9  | 281.9  | 323.0  | 331.8  | 331.8  |
| 55°    | 3051.2 | 2675.3 | 1289.2 | 255.5  | 173.3  | 196.8  | 237.9  | 287.8  | 326.0  | 334.8  | 331.8  |
| 57.5°  | 3083.5 | 2637.1 | 1207.0 | 220.3  | 170.3  | 196.8  | 240.8  | 293.7  | 349.5  | 370.0  | 364.1  |
| 60°    | 3065.9 | 2578.4 | 1145.3 | 205.6  | 167.4  | 196.8  | 243.7  | 311.3  | 443.4  | 478.7  | 466.9  |
| 62.5°  | 3036.5 | 2537.3 | 1016.1 | 187.9  | 161.5  | 196.8  | 246.7  | 352.4  | 493.4  | 511.0  | 496.3  |
| 65°    | 2998.3 | 2416.9 | 869.3  | 170.3  | 155.6  | 193.8  | 249.6  | 381.8  | 469.9  | 469.9  | 466.9  |
| 67.5°  | 2839.8 | 2255.4 | 649.0  | 152.7  | 146.8  | 193.8  | 255.5  | 375.9  | 452.2  | 490.4  | 490.4  |
| 70°    | 2628.3 | 1985.2 | 428.8  | 135.1  | 138.0  | 187.9  | 267.2  | 381.8  | 466.9  | 519.8  | 513.9  |
| 72.5°  | 2226.0 | 1647.5 | 237.9  | 117.5  | 126.3  | 185.0  | 267.2  | 405.3  | 505.1  | 563.8  | 555.0  |
| 75°    | 1817.8 | 1218.7 | 170.3  | 105.7  | 114.5  | 179.1  | 270.2  | 419.9  | 540.3  | 602.0  | 587.3  |
| 77.5°  | 1280.4 | 698.9  | 135.1  | 91.0   | 102.8  | 170.3  | 267.2  | 414.1  | 558.0  | 613.8  | 596.1  |
| 80°    | 540.3  | 252.6  | 111.6  | 82.2   | 88.1   | 152.7  | 246.7  | 396.5  | 558.0  | 649.0  | 640.2  |
| 82.5°  | 243.7  | 179.1  | 96.9   | 73.4   | 82.2   | 126.3  | 229.1  | 381.8  | 540.3  | 651.9  | 704.8  |
| 85°    | 190.9  | 146.8  | 82.2   | 64.6   | 73.4   | 120.4  | 205.6  | 364.1  | 516.9  | 602.0  | 660.8  |
| 87.5°  | 182.1  | 146.8  | 73.4   | 58.7   | 67.5   | 102.8  | 158.6  | 337.7  | 464.0  | 555.0  | 602.0  |
| 90°    | 196.8  | 152.7  | 58.7   | 49.9   | 61.7   | 91.0   | 129.2  | 284.9  | 402.3  | 487.5  | 487.5  |
| 92.5°  | 182.1  | 141.0  | 44.1   | 38.2   | 64.6   | 73.4   | 123.3  | 176.2  | 290.7  | 243.7  | 302.5  |
| 95°    | 152.7  | 117.5  | 29.4   | 26.4   | 61.7   | 61.7   | 67.5   | 82.2   | 202.6  | 5.9    | 0.0    |
| 97.5°  | 111.6  | 85.2   | 17.6   | 14.7   | 47.0   | 49.9   | 32.3   | 38.2   | 82.2   | 0.0    | 0.0    |
| 100°   | 82.2   | 55.8   | 11.7   | 11.7   | 29.4   | 41.1   | 20.6   | 20.6   | 0.0    | 0.0    | 0.0    |
| 102.5° | 44.1   | 29.4   | 8.8    | 5.9    | 14.7   | 23.5   | 8.8    | 5.9    | 0.0    | 0.0    | 0.0    |
| 105°   | 23.5   | 11.7   | 2.9    | 2.9    | 2.9    | 2.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 5.9    | 2.9    | 2.9    | 2.9    | 2.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 2.9    | 2.9    | 2.9    | 2.9    | 2.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P691811

CATALOG NUMBER: CRTK2-C01H-5TLD-U-T3-8027

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 2.9 | 2.9 | 2.9  | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 2.9 | 2.9 | 2.9  | 2.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 2.9 | 2.9 | 2.9  | 2.9  | 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)