

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: P691745

Luminaire Tested: **CRTK2-C018-D-U-T5R-8027-U0-DS-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691745  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C018-D-U-T5R-8027-U0-DS-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD WITH HOUSE  
SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4012 lumens  
Efficiency: N/A  
Efficacy: 79.6 lumens/watt  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 50.4  
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



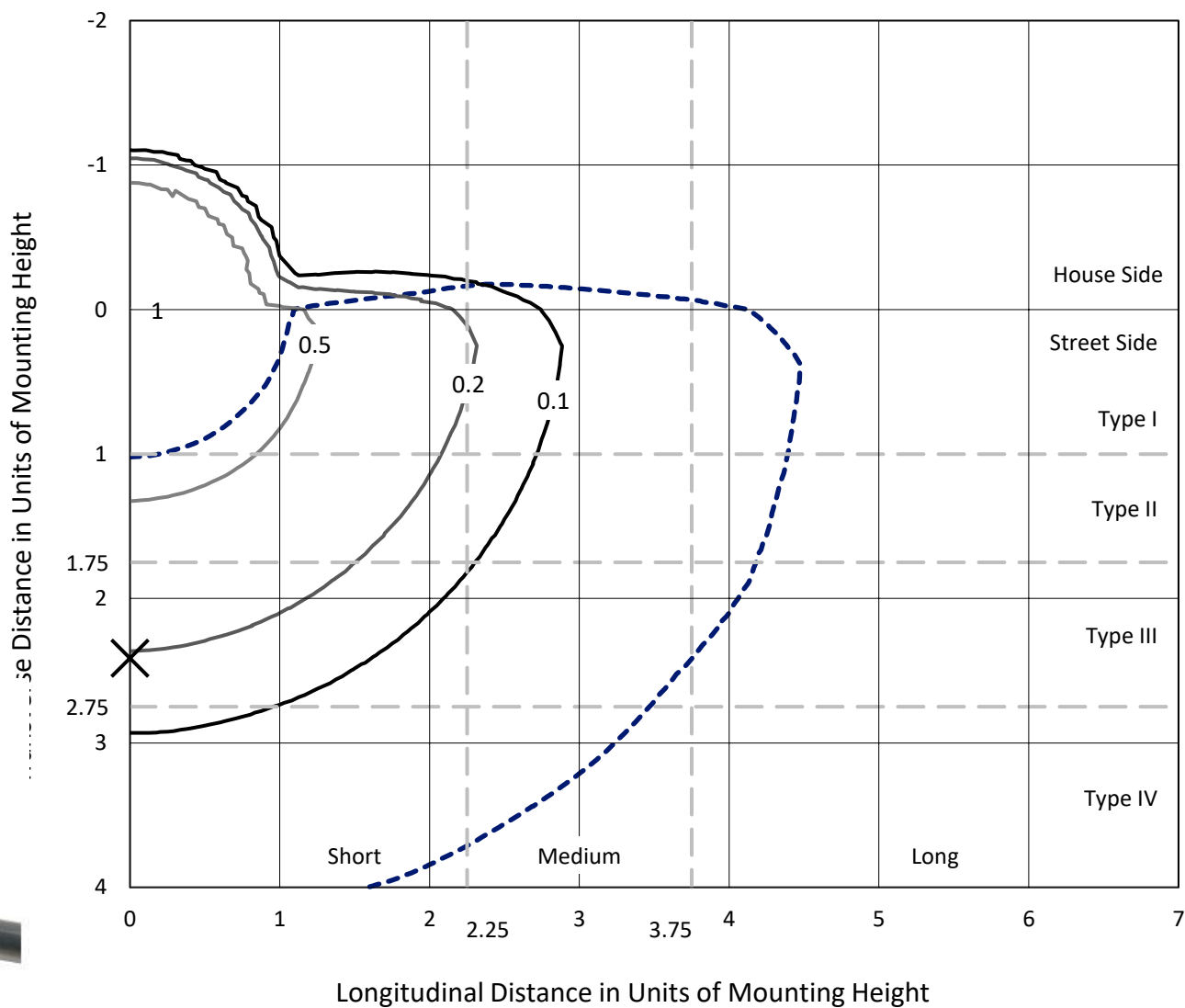
REPORT NUMBER: P691745

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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

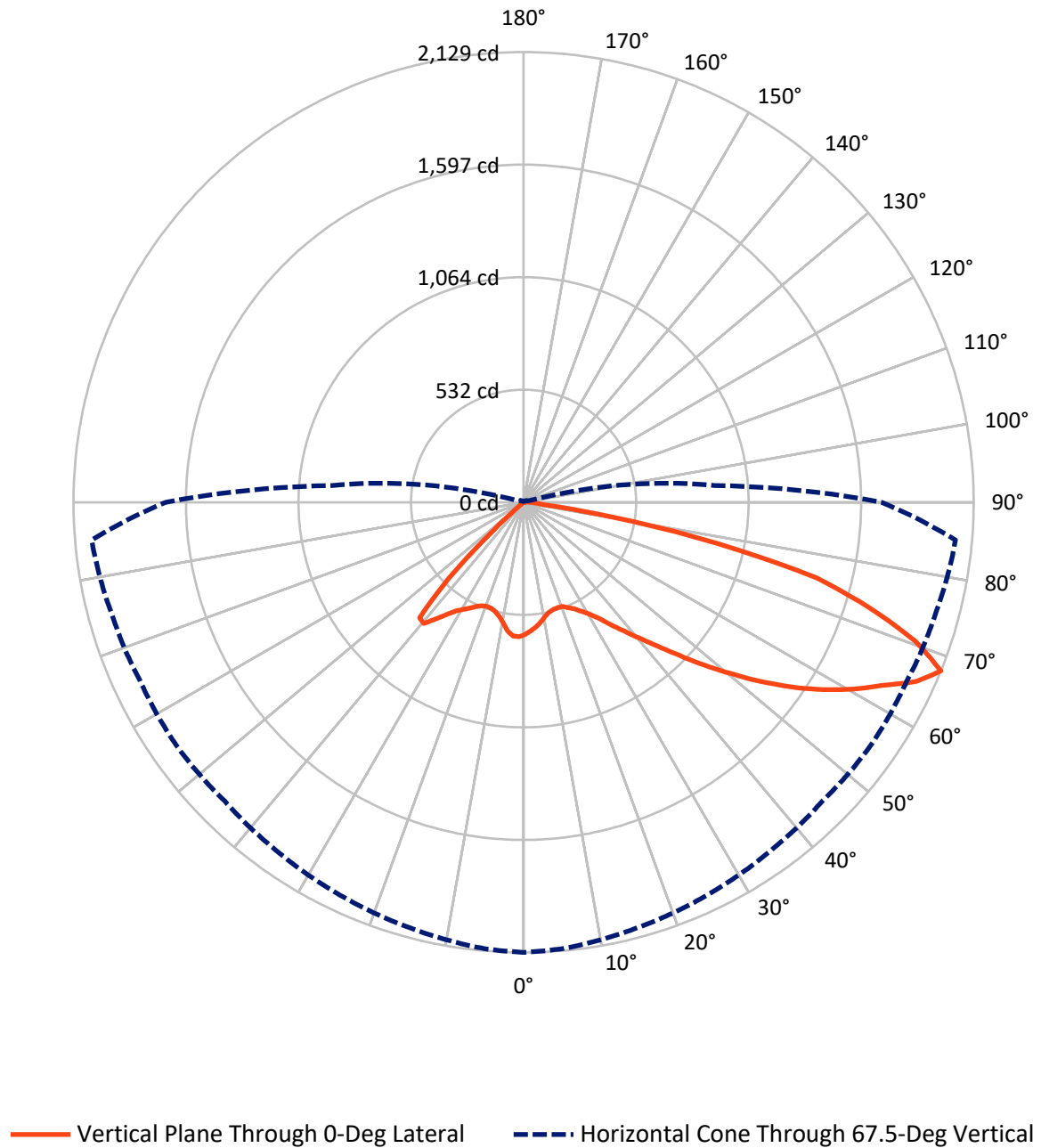


Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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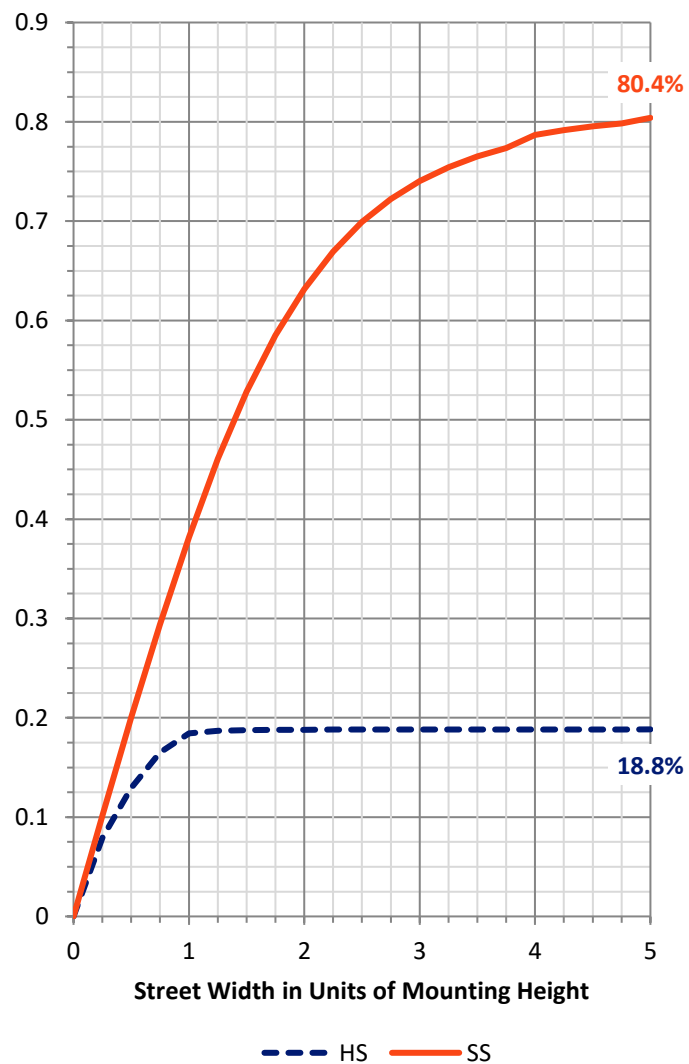
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 759.8    | 1.4    | 761.2  |
|                    | % Fixture | 18.9     | 0.0    | 19.0   |
| <b>Street Side</b> | Lumens    | 3241.7   | 9.1    | 3250.8 |
|                    | % Fixture | 80.8     | 0.2    | 81.0   |
| <b>Total</b>       | Lumens    | 4001.5   | 10.5   | 4012.0 |
|                    | % Fixture | 99.7     | 0.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 56.0   | 1.4       |
| 10°-20°   | 147.3  | 3.7       |
| 20°-30°   | 252.6  | 6.3       |
| 30°-40°   | 427.0  | 10.6      |
| 40°-50°   | 569.8  | 14.2      |
| 50°-60°   | 723.5  | 18.0      |
| 60°-70°   | 1013.2 | 25.3      |
| 70°-80°   | 733.8  | 18.3      |
| 80°-90°   | 78.2   | 1.9       |
| 90°-100°  | 8.8    | 0.2       |
| 100°-110° | 0.9    | 0.0       |
| 110°-120° | 0.3    | 0.0       |
| 120°-130° | 0.2    | 0.0       |
| 130°-140° | 0.1    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.1    | 0.0       |
| 0°-90°    | 4001.5 | 99.7      |
| 0°-180°   | 4012.0 | 100.0     |

**Coefficient of Utilization**



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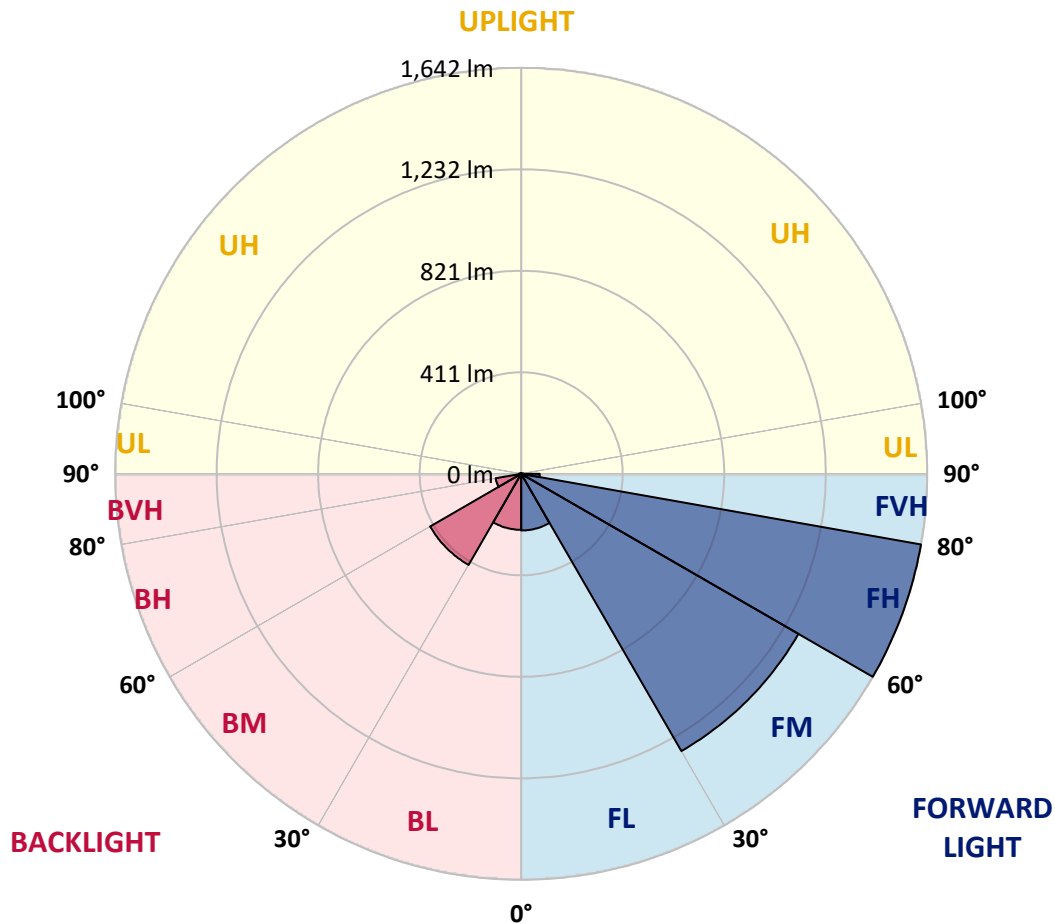
CATALOG NUMBER: CRTK2-C018-D-U-T5R-8027-U0-DS-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 229.3  | 5.7       |                         |       |         |
| FM   | (30°-60°)   | 1294.9 | 32.3      |                         |       |         |
| FH   | (60°-80°)   | 1642.1 | 40.9      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 75.3   | 1.9       |                         |       | G1/100  |
| BL   | (0°-30°)    | 226.5  | 5.6       | B1/500                  |       |         |
| BM   | (30°-60°)   | 425.5  | 10.6      | B1/1000                 |       |         |
| BH   | (60°-80°)   | 104.9  | 2.6       | B0/110                  |       | G0/110  |
| BVH  | (80°-90°)   | 2.9    | 0.1       |                         |       | G0/10   |
| UL   | (90°-100°)  | 8.8    | 0.2       |                         | U1/10 |         |
| UH   | (100°-180°) | 1.8    | 0.0       |                         | U1/10 |         |

**BUG Rating: B1-U1-G1**

Type IV Short



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CATALOG NUMBER: CRTK2-C018-D-U-T5R-8027-U0-DS-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  | 626.0  |
| 2.5°   | 610.0  | 612.0  | 612.0  | 612.0  | 614.0  | 612.0  | 612.0  | 612.0  | 612.0  | 614.0  | 614.0  |
| 5°     | 593.9  | 593.9  | 593.9  | 595.9  | 595.9  | 593.9  | 591.9  | 593.9  | 593.9  | 595.9  | 595.9  |
| 7.5°   | 573.8  | 573.8  | 573.8  | 575.9  | 573.8  | 569.8  | 565.8  | 567.8  | 565.8  | 567.8  | 569.8  |
| 10°    | 549.8  | 551.8  | 551.8  | 549.8  | 547.8  | 541.7  | 535.7  | 537.7  | 535.7  | 537.7  | 537.7  |
| 12.5°  | 533.7  | 535.7  | 535.7  | 533.7  | 527.7  | 523.7  | 519.7  | 515.7  | 513.7  | 517.7  | 515.7  |
| 15°    | 525.7  | 527.7  | 527.7  | 525.7  | 521.7  | 517.7  | 509.6  | 507.6  | 503.6  | 501.6  | 503.6  |
| 17.5°  | 523.7  | 523.7  | 523.7  | 521.7  | 517.7  | 511.6  | 507.6  | 503.6  | 501.6  | 501.6  | 499.6  |
| 20°    | 525.7  | 529.7  | 527.7  | 525.7  | 521.7  | 517.7  | 511.6  | 505.6  | 505.6  | 505.6  | 503.6  |
| 22.5°  | 541.7  | 541.7  | 539.7  | 539.7  | 535.7  | 529.7  | 523.7  | 519.7  | 515.7  | 515.7  | 515.7  |
| 25°    | 557.8  | 559.8  | 559.8  | 557.8  | 551.8  | 543.7  | 541.7  | 535.7  | 533.7  | 531.7  | 529.7  |
| 27.5°  | 583.9  | 581.9  | 583.9  | 583.9  | 575.9  | 571.8  | 565.8  | 561.8  | 559.8  | 555.8  | 553.8  |
| 30°    | 614.0  | 614.0  | 614.0  | 614.0  | 608.0  | 599.9  | 595.9  | 589.9  | 583.9  | 583.9  | 579.9  |
| 32.5°  | 654.1  | 656.1  | 656.1  | 654.1  | 648.1  | 640.1  | 636.0  | 628.0  | 626.0  | 622.0  | 618.0  |
| 35°    | 710.3  | 710.3  | 710.3  | 706.3  | 698.2  | 692.2  | 688.2  | 682.2  | 680.2  | 674.2  | 664.1  |
| 37.5°  | 772.5  | 772.5  | 776.5  | 772.5  | 764.5  | 756.4  | 750.4  | 746.4  | 740.4  | 736.4  | 730.3  |
| 40°    | 844.7  | 844.7  | 846.7  | 840.7  | 832.7  | 828.7  | 822.6  | 814.6  | 810.6  | 808.6  | 796.6  |
| 42.5°  | 929.0  | 933.0  | 933.0  | 927.0  | 921.0  | 914.9  | 906.9  | 900.9  | 896.9  | 888.9  | 872.8  |
| 45°    | 1031.3 | 1029.3 | 1033.3 | 1027.3 | 1023.3 | 1021.3 | 1009.2 | 995.2  | 997.2  | 979.1  | 961.1  |
| 47.5°  | 1151.7 | 1153.7 | 1151.7 | 1145.7 | 1141.7 | 1139.7 | 1127.6 | 1109.6 | 1101.5 | 1087.5 | 1053.4 |
| 50°    | 1274.1 | 1276.1 | 1274.1 | 1270.1 | 1274.1 | 1262.1 | 1248.0 | 1232.0 | 1230.0 | 1211.9 | 1159.7 |
| 52.5°  | 1408.5 | 1402.5 | 1400.5 | 1398.5 | 1394.5 | 1388.5 | 1374.4 | 1356.4 | 1358.4 | 1338.3 | 1256.0 |
| 55°    | 1543.0 | 1536.9 | 1526.9 | 1522.9 | 1518.9 | 1508.9 | 1496.8 | 1490.8 | 1488.8 | 1468.7 | 1358.4 |
| 57.5°  | 1671.4 | 1661.3 | 1647.3 | 1645.3 | 1639.3 | 1625.2 | 1619.2 | 1609.2 | 1609.2 | 1587.1 | 1432.6 |
| 60°    | 1793.8 | 1781.7 | 1765.7 | 1757.7 | 1747.6 | 1735.6 | 1733.6 | 1727.6 | 1729.6 | 1717.5 | 1512.9 |
| 62.5°  | 1906.1 | 1896.1 | 1876.0 | 1864.0 | 1847.9 | 1837.9 | 1839.9 | 1835.9 | 1843.9 | 1835.9 | 1583.1 |
| 65°    | 2042.6 | 2030.5 | 2006.5 | 1980.4 | 1958.3 | 1942.2 | 1936.2 | 1948.3 | 1982.4 | 1990.4 | 1677.4 |
| 67.5°  | 2128.8 | 2118.8 | 2082.7 | 2050.6 | 2020.5 | 1998.4 | 2004.4 | 2000.4 | 2018.5 | 2050.6 | 1693.4 |
| 70°    | 1966.3 | 1962.3 | 1926.2 | 1906.1 | 1884.1 | 1862.0 | 1864.0 | 1858.0 | 1872.0 | 1880.0 | 1553.0 |
| 72.5°  | 1715.5 | 1735.6 | 1689.4 | 1687.4 | 1673.4 | 1675.4 | 1653.3 | 1669.4 | 1659.3 | 1659.3 | 1374.4 |
| 75°    | 1434.6 | 1392.5 | 1378.4 | 1412.5 | 1392.5 | 1394.5 | 1390.5 | 1408.5 | 1406.5 | 1408.5 | 1195.8 |
| 77.5°  | 941.0  | 949.1  | 931.0  | 967.1  | 985.2  | 1015.3 | 1029.3 | 1077.5 | 1059.4 | 1055.4 | 947.0  |
| 80°    | 421.4  | 431.4  | 433.4  | 467.5  | 489.6  | 519.7  | 509.6  | 543.7  | 521.7  | 485.6  | 463.5  |
| 82.5°  | 94.3   | 94.3   | 106.3  | 136.4  | 144.5  | 150.5  | 150.5  | 156.5  | 124.4  | 76.2   | 62.2   |
| 85°    | 64.2   | 62.2   | 84.3   | 114.4  | 120.4  | 116.4  | 112.4  | 104.3  | 72.2   | 22.1   | 18.1   |
| 87.5°  | 42.1   | 44.1   | 68.2   | 94.3   | 98.3   | 92.3   | 86.3   | 78.3   | 52.2   | 6.0    | 4.0    |
| 90°    | 28.1   | 32.1   | 52.2   | 72.2   | 72.2   | 68.2   | 62.2   | 52.2   | 32.1   | 2.0    | 2.0    |
| 92.5°  | 14.0   | 16.1   | 26.1   | 32.1   | 30.1   | 26.1   | 24.1   | 20.1   | 12.0   | 2.0    | 2.0    |
| 95°    | 8.0    | 8.0    | 12.0   | 12.0   | 12.0   | 10.0   | 10.0   | 8.0    | 4.0    | 2.0    | 2.0    |
| 97.5°  | 6.0    | 6.0    | 8.0    | 8.0    | 6.0    | 6.0    | 6.0    | 4.0    | 2.0    | 2.0    | 2.0    |
| 100°   | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 102.5° | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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° | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 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 | 2.0 |
| 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 | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 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 | 2.0 | 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 | 2.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 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 | 2.0 | 0.0 | 2.0 | 2.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 2.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 | 2.0 | 2.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 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):**

|        | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 | 626.0 |
| 2.5°   | 616.0 | 618.0 | 620.0 | 624.0 | 624.0 | 630.0 | 632.0 | 634.0 | 636.0 | 636.0 |
| 5°     | 599.9 | 601.9 | 608.0 | 612.0 | 618.0 | 622.0 | 628.0 | 630.0 | 632.0 | 634.0 |
| 7.5°   | 569.8 | 573.8 | 579.9 | 581.9 | 589.9 | 595.9 | 601.9 | 608.0 | 610.0 | 614.0 |
| 10°    | 539.7 | 541.7 | 543.7 | 549.8 | 553.8 | 561.8 | 569.8 | 573.8 | 577.9 | 577.9 |
| 12.5°  | 517.7 | 519.7 | 521.7 | 523.7 | 529.7 | 533.7 | 541.7 | 545.8 | 547.8 | 551.8 |
| 15°    | 503.6 | 503.6 | 507.6 | 507.6 | 511.6 | 517.7 | 521.7 | 527.7 | 529.7 | 533.7 |
| 17.5°  | 499.6 | 499.6 | 501.6 | 503.6 | 507.6 | 509.6 | 513.7 | 519.7 | 521.7 | 523.7 |
| 20°    | 501.6 | 503.6 | 503.6 | 505.6 | 509.6 | 511.6 | 515.7 | 517.7 | 519.7 | 521.7 |
| 22.5°  | 511.6 | 509.6 | 511.6 | 511.6 | 513.7 | 517.7 | 521.7 | 525.7 | 527.7 | 527.7 |
| 25°    | 525.7 | 523.7 | 523.7 | 527.7 | 529.7 | 531.7 | 537.7 | 539.7 | 541.7 | 541.7 |
| 27.5°  | 549.8 | 547.8 | 549.8 | 549.8 | 551.8 | 551.8 | 557.8 | 557.8 | 559.8 | 561.8 |
| 30°    | 573.8 | 567.8 | 567.8 | 567.8 | 569.8 | 573.8 | 575.9 | 579.9 | 581.9 | 581.9 |
| 32.5°  | 610.0 | 597.9 | 595.9 | 597.9 | 597.9 | 599.9 | 605.9 | 603.9 | 608.0 | 605.9 |
| 35°    | 656.1 | 644.1 | 640.1 | 640.1 | 640.1 | 640.1 | 646.1 | 642.1 | 646.1 | 644.1 |
| 37.5°  | 712.3 | 696.2 | 694.2 | 694.2 | 690.2 | 692.2 | 694.2 | 690.2 | 688.2 | 690.2 |
| 40°    | 772.5 | 744.4 | 742.4 | 744.4 | 744.4 | 744.4 | 744.4 | 742.4 | 740.4 | 742.4 |
| 42.5°  | 744.4 | 632.0 | 646.1 | 666.1 | 686.2 | 710.3 | 716.3 | 732.4 | 734.4 | 734.4 |
| 45°    | 650.1 | 365.2 | 385.2 | 415.3 | 427.4 | 435.4 | 457.5 | 491.6 | 501.6 | 503.6 |
| 47.5°  | 573.8 | 122.4 | 130.4 | 142.5 | 162.5 | 172.6 | 174.6 | 198.6 | 208.7 | 188.6 |
| 50°    | 567.8 | 28.1  | 20.1  | 20.1  | 22.1  | 18.1  | 18.1  | 20.1  | 20.1  | 20.1  |
| 52.5°  | 620.0 | 26.1  | 18.1  | 16.1  | 16.1  | 16.1  | 14.0  | 16.1  | 16.1  | 16.1  |
| 55°    | 674.2 | 26.1  | 18.1  | 16.1  | 16.1  | 16.1  | 14.0  | 14.0  | 14.0  | 14.0  |
| 57.5°  | 718.3 | 26.1  | 18.1  | 16.1  | 16.1  | 14.0  | 12.0  | 12.0  | 12.0  | 12.0  |
| 60°    | 770.5 | 26.1  | 18.1  | 16.1  | 16.1  | 12.0  | 10.0  | 10.0  | 10.0  | 10.0  |
| 62.5°  | 814.6 | 28.1  | 18.1  | 16.1  | 14.0  | 10.0  | 10.0  | 10.0  | 10.0  | 10.0  |
| 65°    | 878.8 | 28.1  | 18.1  | 14.0  | 10.0  | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   |
| 67.5°  | 908.9 | 28.1  | 16.1  | 12.0  | 8.0   | 6.0   | 6.0   | 6.0   | 6.0   | 6.0   |
| 70°    | 818.6 | 22.1  | 12.0  | 8.0   | 6.0   | 6.0   | 6.0   | 6.0   | 6.0   | 6.0   |
| 72.5°  | 700.3 | 16.1  | 8.0   | 6.0   | 4.0   | 4.0   | 4.0   | 4.0   | 4.0   | 2.0   |
| 75°    | 557.8 | 10.0  | 4.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5°  | 391.3 | 8.0   | 4.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°    | 162.5 | 6.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5°  | 24.1  | 4.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°    | 8.0   | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 2.0   | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°    | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 2.0   | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P691745

CATALOG NUMBER: CRTK2-C018-D-U-T5R-8027-U0-DS-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 2.0 | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 2.0 | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 2.0 | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0 | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 2.0 | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 2.0 | 2.0  | 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  |
| 137.5° | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 2.0 | 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  |
| 145°   | 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  |
| 150°   | 0.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 2.0 | 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  |
| 157.5° | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 2.0 | 2.0  | 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  |

(END OF REPORT)