

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: P691741

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

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691741  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-29)  
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-DS-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE V ROUND OPTIC AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4104 lumens  
Efficiency: N/A  
Efficacy: 81.4 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U2 - G2

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



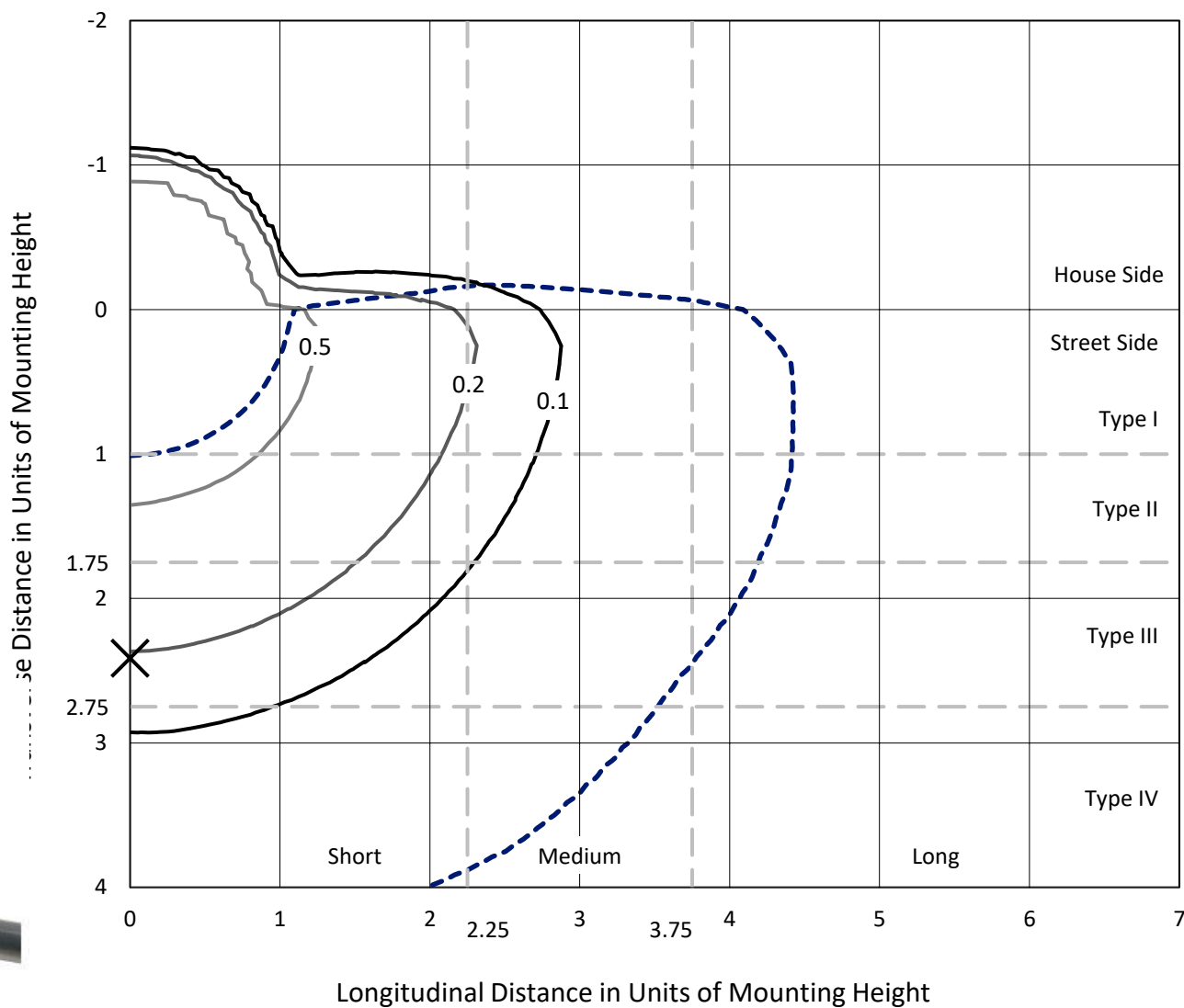
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

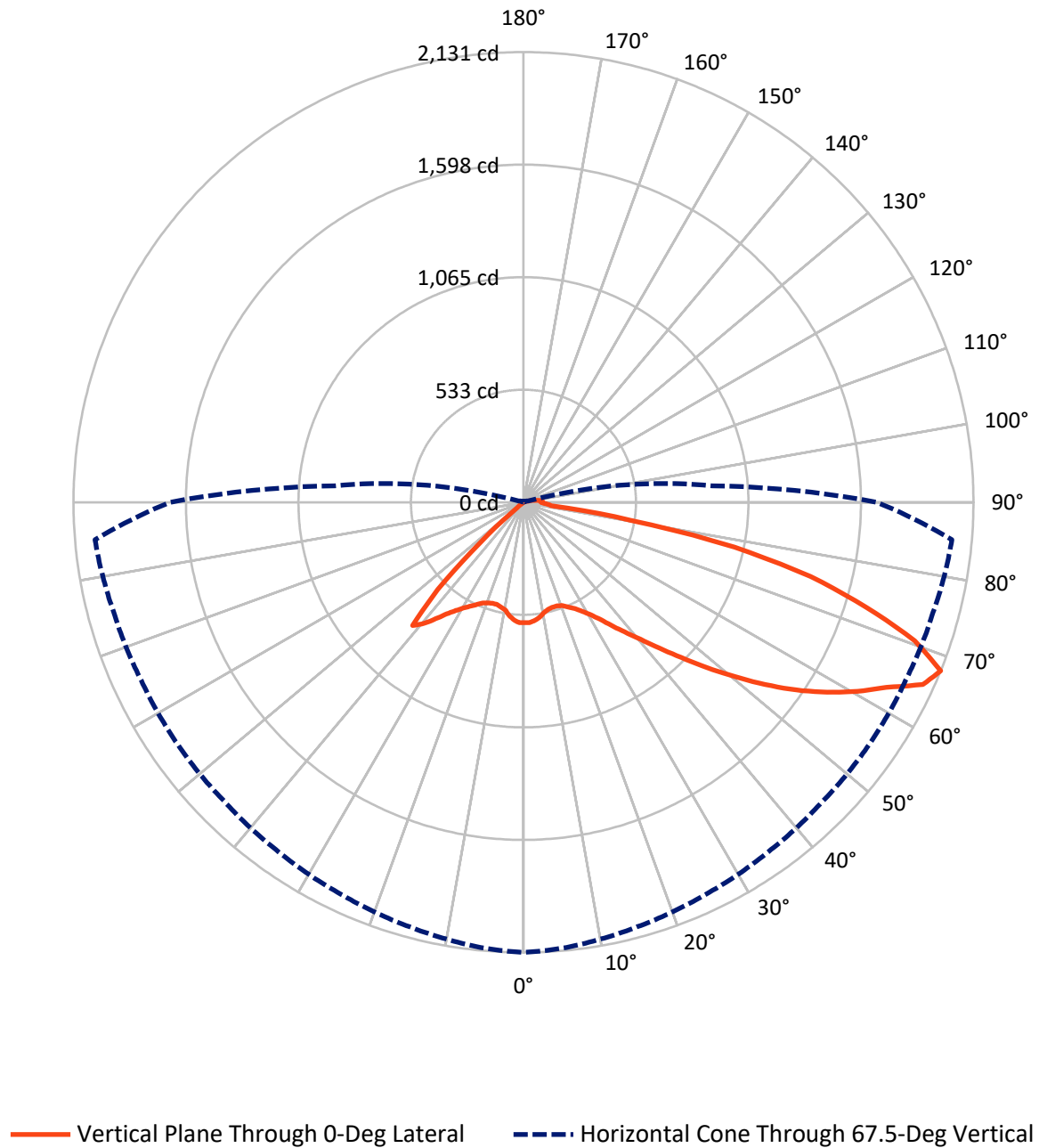


Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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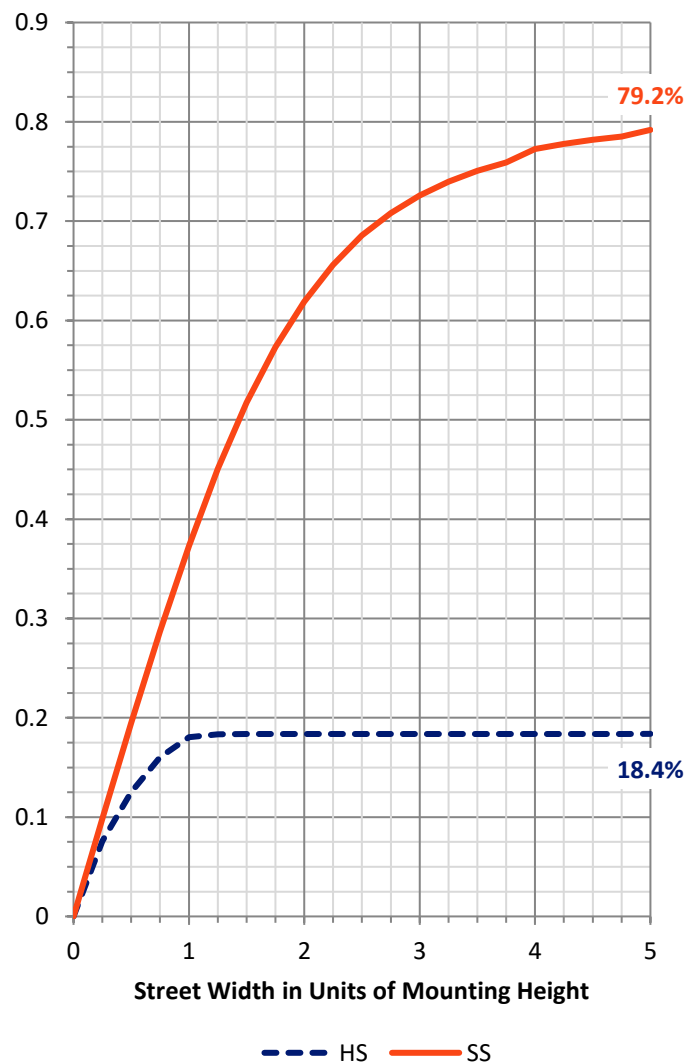
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 759.0    | 3.0    | 762.1  |
|                    | % Fixture | 18.5     | 0.1    | 18.6   |
| <b>Street Side</b> | Lumens    | 3284.9   | 57.0   | 3341.9 |
|                    | % Fixture | 80.0     | 1.4    | 81.4   |
| <b>Total</b>       | Lumens    | 4043.9   | 60.1   | 4104.0 |
|                    | % Fixture | 98.5     | 1.5    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 51.8   | 1.3       |
| 10°-20°   | 141.8  | 3.5       |
| 20°-30°   | 249.7  | 6.1       |
| 30°-40°   | 426.9  | 10.4      |
| 40°-50°   | 586.6  | 14.3      |
| 50°-60°   | 725.0  | 17.7      |
| 60°-70°   | 1013.3 | 24.7      |
| 70°-80°   | 740.1  | 18.0      |
| 80°-90°   | 108.7  | 2.6       |
| 90°-100°  | 47.9   | 1.2       |
| 100°-110° | 10.9   | 0.3       |
| 110°-120° | 0.7    | 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° | 0.0    | 0.0       |
| 0°-90°    | 4043.9 | 98.5      |
| 0°-180°   | 4104.0 | 100.0     |

**Coefficient of Utilization**



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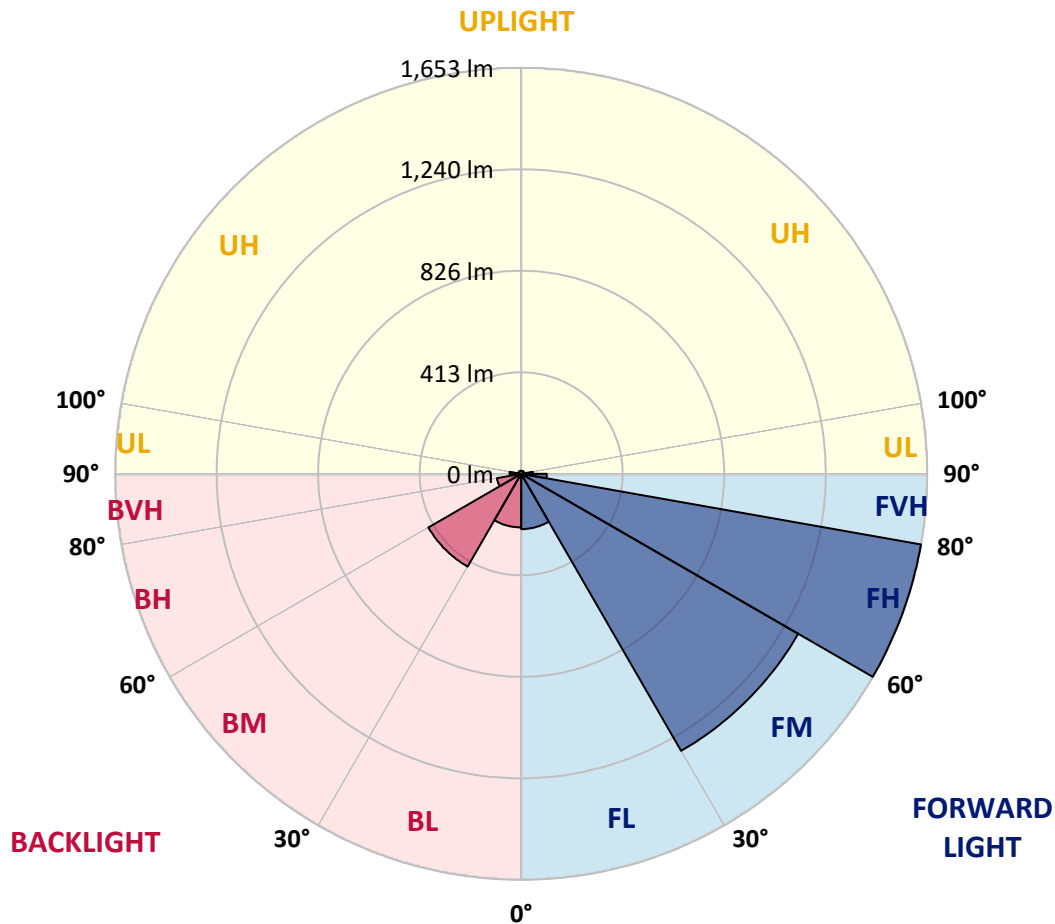
CATALOG NUMBER: CRTK2-C018-D-U-T5R-8027-DS-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 225.1  | 5.5       |                         |       |         |
| FM   | (30°-60°)   | 1302.4 | 31.7      |                         |       |         |
| FH   | (60°-80°)   | 1653.0 | 40.3      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 104.4  | 2.5       |                         |       | G2/225  |
| BL   | (0°-30°)    | 218.2  | 5.3       | B1/500                  |       |         |
| BM   | (30°-60°)   | 436.1  | 10.6      | B1/1000                 |       |         |
| BH   | (60°-80°)   | 100.4  | 2.4       | B0/110                  |       | G0/110  |
| BVH  | (80°-90°)   | 4.2    | 0.1       |                         |       | G0/10   |
| UL   | (90°-100°)  | 47.9   | 1.2       |                         | U2/50 |         |
| UH   | (100°-180°) | 12.2   | 0.3       |                         | U2/50 |         |

**BUG Rating: B1-U2-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  | 569.8  |
| 2.5°   | 569.8  | 569.8  | 569.8  | 569.8  | 571.8  | 569.8  | 567.7  | 563.7  | 563.7  | 563.7  | 563.7  |
| 5°     | 561.7  | 561.7  | 563.7  | 563.7  | 561.7  | 559.7  | 555.7  | 555.7  | 553.7  | 553.7  | 553.7  |
| 7.5°   | 549.7  | 549.7  | 549.7  | 551.7  | 547.7  | 541.7  | 539.7  | 537.7  | 535.6  | 533.6  | 531.6  |
| 10°    | 531.6  | 531.6  | 531.6  | 529.6  | 525.6  | 519.6  | 515.6  | 511.6  | 511.6  | 509.6  | 507.6  |
| 12.5°  | 519.6  | 519.6  | 519.6  | 517.6  | 511.6  | 507.6  | 501.5  | 497.5  | 495.5  | 495.5  | 493.5  |
| 15°    | 515.6  | 515.6  | 515.6  | 513.6  | 507.6  | 503.5  | 497.5  | 493.5  | 489.5  | 487.5  | 485.5  |
| 17.5°  | 515.6  | 515.6  | 515.6  | 511.6  | 509.6  | 503.5  | 497.5  | 493.5  | 491.5  | 489.5  | 487.5  |
| 20°    | 521.6  | 523.6  | 521.6  | 519.6  | 513.6  | 509.6  | 503.5  | 497.5  | 495.5  | 495.5  | 493.5  |
| 22.5°  | 537.7  | 535.6  | 535.6  | 533.6  | 527.6  | 521.6  | 517.6  | 513.6  | 509.6  | 509.6  | 507.6  |
| 25°    | 555.7  | 557.7  | 557.7  | 553.7  | 549.7  | 543.7  | 537.7  | 531.6  | 529.6  | 527.6  | 525.6  |
| 27.5°  | 581.8  | 581.8  | 583.8  | 579.8  | 573.8  | 569.8  | 563.7  | 559.7  | 555.7  | 551.7  | 549.7  |
| 30°    | 613.9  | 615.9  | 615.9  | 611.9  | 605.9  | 597.8  | 593.8  | 587.8  | 581.8  | 581.8  | 575.8  |
| 32.5°  | 656.0  | 660.0  | 658.0  | 654.0  | 648.0  | 640.0  | 636.0  | 629.9  | 625.9  | 619.9  | 615.9  |
| 35°    | 714.2  | 716.2  | 714.2  | 710.2  | 700.2  | 692.1  | 688.1  | 684.1  | 680.1  | 672.1  | 664.0  |
| 37.5°  | 778.4  | 780.4  | 782.4  | 778.4  | 766.4  | 754.3  | 750.3  | 744.3  | 742.3  | 732.3  | 728.2  |
| 40°    | 852.6  | 856.6  | 854.6  | 848.6  | 838.6  | 826.5  | 824.5  | 818.5  | 812.5  | 806.5  | 796.5  |
| 42.5°  | 942.9  | 942.9  | 940.9  | 936.9  | 928.9  | 914.8  | 910.8  | 904.8  | 900.8  | 888.7  | 872.7  |
| 45°    | 1047.2 | 1049.2 | 1043.2 | 1037.2 | 1035.2 | 1023.1 | 1013.1 | 1007.1 | 995.1  | 981.0  | 963.0  |
| 47.5°  | 1169.6 | 1167.6 | 1159.6 | 1153.6 | 1151.5 | 1141.5 | 1133.5 | 1121.5 | 1105.4 | 1089.4 | 1055.2 |
| 50°    | 1296.0 | 1296.0 | 1281.9 | 1275.9 | 1279.9 | 1265.9 | 1255.9 | 1241.8 | 1225.8 | 1209.7 | 1159.6 |
| 52.5°  | 1432.4 | 1426.4 | 1412.3 | 1414.4 | 1408.3 | 1394.3 | 1382.3 | 1372.2 | 1356.2 | 1342.1 | 1261.9 |
| 55°    | 1568.8 | 1560.8 | 1538.7 | 1540.7 | 1530.7 | 1514.7 | 1506.6 | 1494.6 | 1490.6 | 1474.5 | 1360.2 |
| 57.5°  | 1695.2 | 1685.2 | 1661.1 | 1659.1 | 1651.1 | 1633.0 | 1629.0 | 1615.0 | 1604.9 | 1596.9 | 1434.4 |
| 60°    | 1817.6 | 1807.6 | 1785.5 | 1777.5 | 1761.4 | 1743.4 | 1745.4 | 1737.3 | 1731.3 | 1723.3 | 1516.7 |
| 62.5°  | 1927.9 | 1915.9 | 1895.8 | 1879.8 | 1857.7 | 1841.7 | 1843.7 | 1839.7 | 1843.7 | 1841.7 | 1586.9 |
| 65°    | 2078.4 | 2066.4 | 2036.3 | 2008.2 | 1976.1 | 1952.0 | 1950.0 | 1956.0 | 1998.1 | 2002.2 | 1695.2 |
| 67.5°  | 2130.6 | 2118.5 | 2080.4 | 2046.3 | 2020.2 | 2002.2 | 1998.1 | 1996.1 | 2008.2 | 2036.3 | 1673.1 |
| 70°    | 1966.1 | 1958.0 | 1921.9 | 1897.8 | 1871.8 | 1859.7 | 1847.7 | 1853.7 | 1865.7 | 1863.7 | 1534.7 |
| 72.5°  | 1697.2 | 1741.4 | 1695.2 | 1673.1 | 1667.1 | 1635.0 | 1643.1 | 1637.0 | 1645.1 | 1643.1 | 1364.2 |
| 75°    | 1404.3 | 1392.3 | 1382.3 | 1420.4 | 1392.3 | 1368.2 | 1382.3 | 1396.3 | 1410.3 | 1394.3 | 1195.7 |
| 77.5°  | 1021.1 | 1029.2 | 1025.2 | 1039.2 | 1065.3 | 1053.2 | 1045.2 | 1079.3 | 1085.3 | 1031.2 | 928.9  |
| 80°    | 513.6  | 545.7  | 555.7  | 579.8  | 593.8  | 567.7  | 545.7  | 593.8  | 585.8  | 523.6  | 471.5  |
| 82.5°  | 134.4  | 136.4  | 156.5  | 184.6  | 188.6  | 184.6  | 188.6  | 184.6  | 160.5  | 102.3  | 86.3   |
| 85°    | 112.3  | 112.3  | 138.4  | 168.5  | 174.5  | 166.5  | 166.5  | 156.5  | 124.4  | 64.2   | 52.2   |
| 87.5°  | 92.3   | 96.3   | 124.4  | 152.5  | 156.5  | 148.5  | 146.5  | 134.4  | 108.3  | 56.2   | 44.1   |
| 90°    | 82.3   | 86.3   | 112.3  | 136.4  | 138.4  | 130.4  | 128.4  | 120.4  | 98.3   | 56.2   | 44.1   |
| 92.5°  | 90.3   | 92.3   | 110.3  | 124.4  | 124.4  | 118.4  | 116.4  | 110.3  | 96.3   | 70.2   | 54.2   |
| 95°    | 80.2   | 82.3   | 90.3   | 96.3   | 94.3   | 88.3   | 92.3   | 86.3   | 80.2   | 66.2   | 50.2   |
| 97.5°  | 66.2   | 68.2   | 70.2   | 70.2   | 68.2   | 64.2   | 68.2   | 66.2   | 62.2   | 54.2   | 40.1   |
| 100°   | 50.2   | 50.2   | 50.2   | 52.2   | 50.2   | 48.1   | 50.2   | 46.1   | 44.1   | 38.1   | 28.1   |
| 102.5° | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 34.1   | 30.1   | 28.1   | 24.1   | 16.0   |
| 105°   | 20.1   | 20.1   | 18.1   | 20.1   | 20.1   | 18.1   | 18.1   | 16.0   | 12.0   | 10.0   | 6.0    |
| 107.5° | 8.0    | 8.0    | 6.0    | 6.0    | 6.0    | 6.0    | 4.0    | 2.0    | 2.0    | 2.0    | 2.0    |
| 110°   | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 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 | 2.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 2.0 |
| 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 | 2.0 | 2.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 |
| 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 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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°     | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 | 569.8 |
| 2.5°   | 563.7 | 563.7 | 563.7 | 563.7 | 563.7 | 563.7 | 565.7 | 567.7 | 569.8 | 569.8 |
| 5°     | 553.7 | 553.7 | 553.7 | 551.7 | 553.7 | 555.7 | 557.7 | 557.7 | 559.7 | 559.7 |
| 7.5°   | 533.6 | 531.6 | 531.6 | 531.6 | 533.6 | 537.7 | 537.7 | 539.7 | 541.7 | 541.7 |
| 10°    | 507.6 | 507.6 | 507.6 | 507.6 | 509.6 | 513.6 | 513.6 | 517.6 | 517.6 | 517.6 |
| 12.5°  | 493.5 | 493.5 | 491.5 | 489.5 | 493.5 | 493.5 | 499.5 | 501.5 | 503.5 | 507.6 |
| 15°    | 485.5 | 483.5 | 485.5 | 485.5 | 487.5 | 489.5 | 491.5 | 495.5 | 497.5 | 499.5 |
| 17.5°  | 485.5 | 485.5 | 485.5 | 487.5 | 489.5 | 489.5 | 491.5 | 495.5 | 497.5 | 499.5 |
| 20°    | 493.5 | 493.5 | 491.5 | 491.5 | 493.5 | 493.5 | 497.5 | 501.5 | 503.5 | 505.6 |
| 22.5°  | 505.6 | 503.5 | 503.5 | 501.5 | 503.5 | 505.6 | 509.6 | 513.6 | 513.6 | 513.6 |
| 25°    | 521.6 | 519.6 | 519.6 | 519.6 | 523.6 | 523.6 | 527.6 | 531.6 | 531.6 | 531.6 |
| 27.5°  | 547.7 | 543.7 | 541.7 | 541.7 | 541.7 | 543.7 | 547.7 | 549.7 | 551.7 | 551.7 |
| 30°    | 569.8 | 565.7 | 563.7 | 561.7 | 563.7 | 565.7 | 569.8 | 573.8 | 573.8 | 573.8 |
| 32.5°  | 609.9 | 599.8 | 593.8 | 595.8 | 595.8 | 597.8 | 601.9 | 601.9 | 603.9 | 603.9 |
| 35°    | 656.0 | 646.0 | 636.0 | 638.0 | 638.0 | 640.0 | 640.0 | 640.0 | 644.0 | 640.0 |
| 37.5°  | 714.2 | 698.1 | 690.1 | 692.1 | 688.1 | 688.1 | 688.1 | 688.1 | 686.1 | 690.1 |
| 40°    | 776.4 | 752.3 | 744.3 | 746.3 | 744.3 | 742.3 | 742.3 | 744.3 | 742.3 | 744.3 |
| 42.5°  | 766.4 | 666.0 | 690.1 | 718.2 | 738.3 | 752.3 | 768.4 | 776.4 | 776.4 | 784.4 |
| 45°    | 670.1 | 395.2 | 423.3 | 461.4 | 493.5 | 527.6 | 543.7 | 555.7 | 563.7 | 579.8 |
| 47.5°  | 581.8 | 142.4 | 162.5 | 188.6 | 222.7 | 222.7 | 250.8 | 262.8 | 266.8 | 280.9 |
| 50°    | 565.7 | 22.1  | 18.1  | 20.1  | 22.1  | 24.1  | 26.1  | 32.1  | 32.1  | 40.1  |
| 52.5°  | 615.9 | 20.1  | 12.0  | 8.0   | 8.0   | 6.0   | 4.0   | 4.0   | 4.0   | 6.0   |
| 55°    | 672.1 | 22.1  | 12.0  | 8.0   | 6.0   | 6.0   | 2.0   | 2.0   | 2.0   | 2.0   |
| 57.5°  | 720.2 | 20.1  | 10.0  | 8.0   | 6.0   | 4.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°    | 772.4 | 22.1  | 12.0  | 8.0   | 6.0   | 4.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5°  | 818.5 | 22.1  | 12.0  | 8.0   | 6.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°    | 884.7 | 24.1  | 12.0  | 8.0   | 4.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5°  | 896.8 | 24.1  | 12.0  | 6.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°    | 800.5 | 20.1  | 8.0   | 4.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5°  | 688.1 | 12.0  | 6.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°    | 553.7 | 10.0  | 4.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5°  | 371.1 | 8.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°    | 166.5 | 6.0   | 2.0   | 2.0   | 0.0   | 0.0   | 2.0   | 2.0   | 0.0   | 0.0   |
| 82.5°  | 36.1  | 4.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°    | 24.1  | 4.0   | 2.0   | 2.0   | 0.0   | 0.0   | 2.0   | 2.0   | 0.0   | 0.0   |
| 87.5°  | 22.1  | 2.0   | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 2.0   | 0.0   | 0.0   |
| 90°    | 22.1  | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 26.1  | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 24.1  | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 18.1  | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 12.0  | 2.0   | 2.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 6.0   | 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: P691741

CATALOG NUMBER: CRTK2-C018-D-U-T5R-8027-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  | 0.0  | 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° | 0.0 | 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° | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0 | 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° | 2.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0 | 2.0  | 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°   | 2.0 | 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 | 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  |
| 155°   | 2.0 | 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 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 2.0 | 2.0  | 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  |
| 170°   | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 2.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 2.0 | 0.0  | 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)