

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: P691713

Luminaire Tested: **CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691713  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE III OPTIC AND NEMA REFRACTOR WITH HOUSE  
SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4595 lumens  
Efficiency: N/A  
Efficacy: 91.2 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.54')  
IES Classification: Type I - Short  
BUG Rating: B2 - U3 - 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



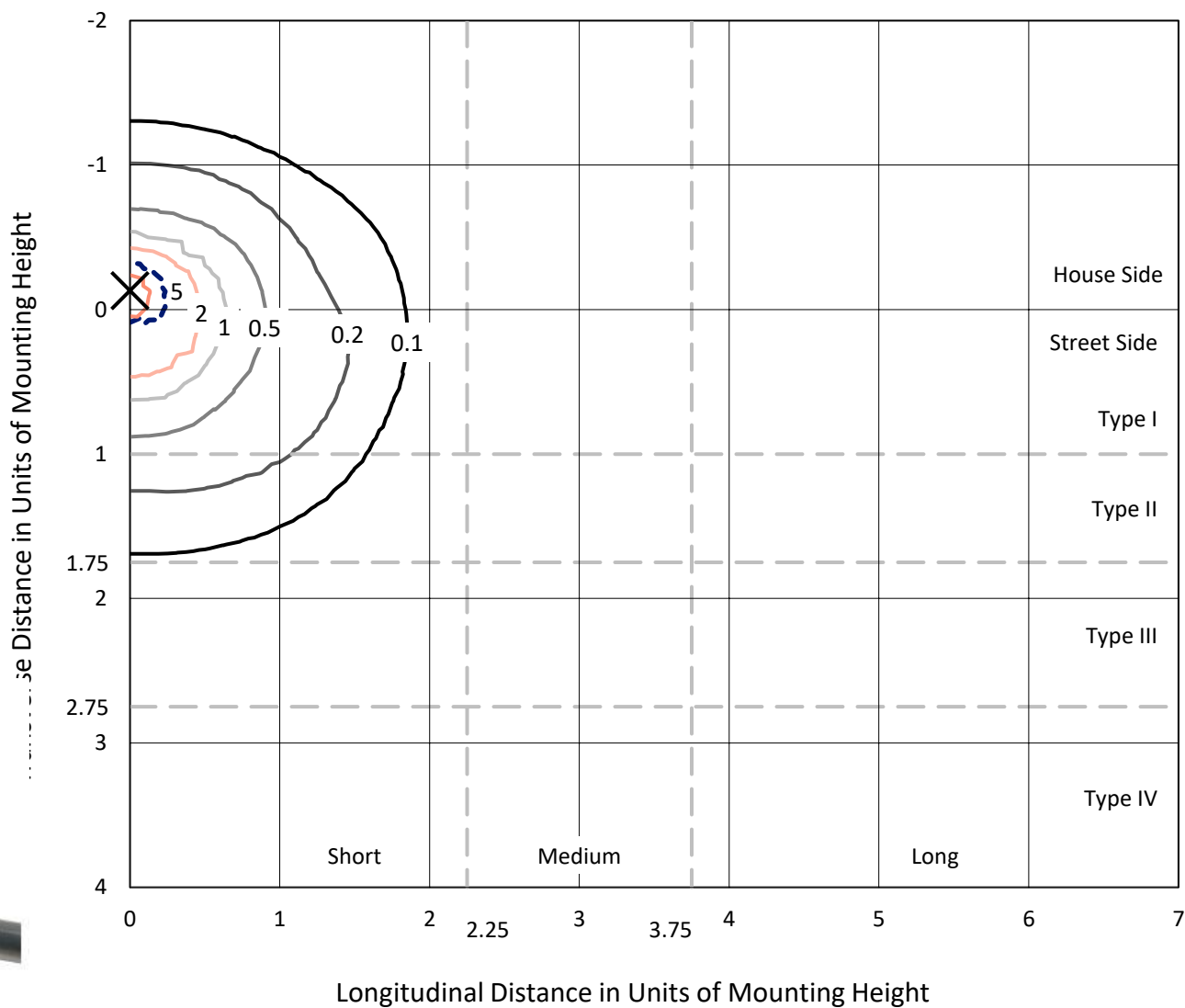
REPORT NUMBER: P691713

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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



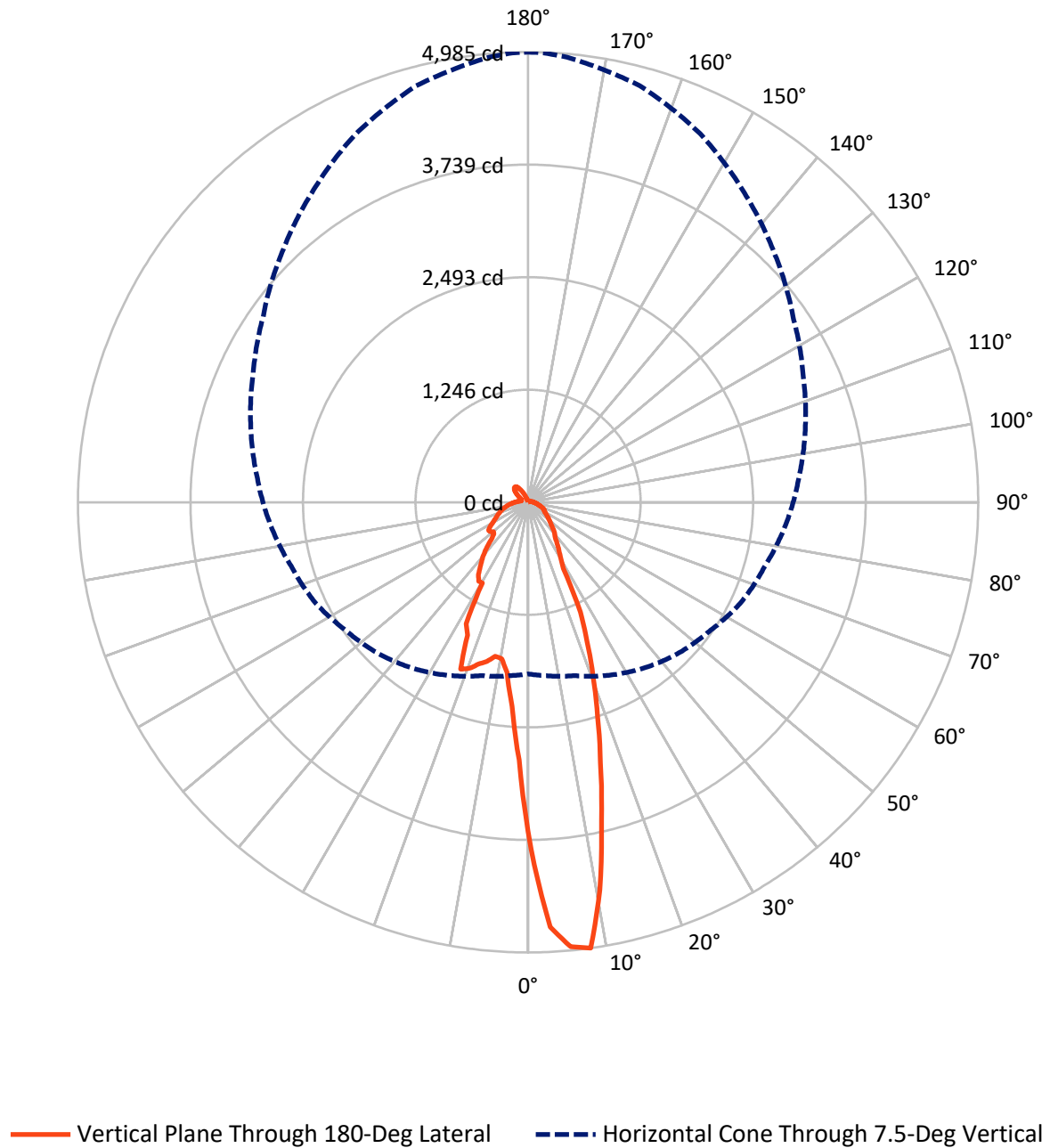
Based on 25 foot mounting height. Maximum calculated value = 7.8 fc

Type I - Short - N/A

REPORT NUMBER: P691713

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## Luminous Intensity Polar Plot



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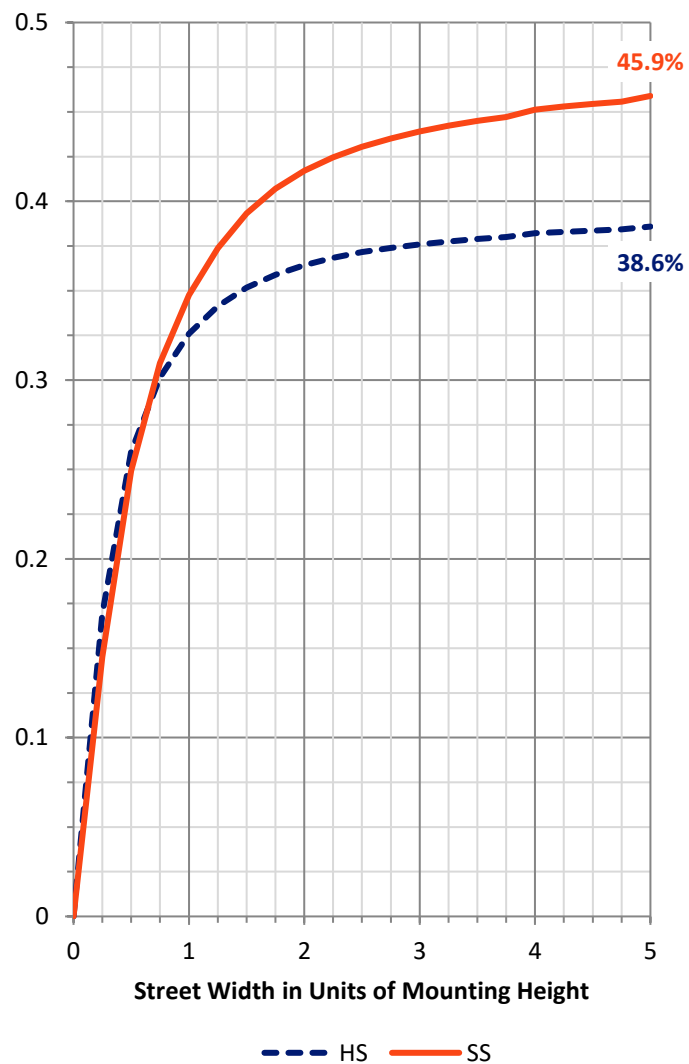
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1819.2   | 189.7  | 2009.0 |
|                    | % Fixture | 39.6     | 4.1    | 43.7   |
| <b>Street Side</b> | Lumens    | 2169.4   | 416.6  | 2586.0 |
|                    | % Fixture | 47.2     | 9.1    | 56.3   |
| <b>Total</b>       | Lumens    | 3988.7   | 606.4  | 4595.0 |
|                    | % Fixture | 86.8     | 13.2   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 307.8  | 6.7       |
| 10°-20°   | 658.6  | 14.3      |
| 20°-30°   | 727.3  | 15.8      |
| 30°-40°   | 527.5  | 11.5      |
| 40°-50°   | 444.4  | 9.7       |
| 50°-60°   | 453.7  | 9.9       |
| 60°-70°   | 386.6  | 8.4       |
| 70°-80°   | 288.2  | 6.3       |
| 80°-90°   | 194.6  | 4.2       |
| 90°-100°  | 116.3  | 2.5       |
| 100°-110° | 66.9   | 1.5       |
| 110°-120° | 62.5   | 1.4       |
| 120°-130° | 91.1   | 2.0       |
| 130°-140° | 123.8  | 2.7       |
| 140°-150° | 100.7  | 2.2       |
| 150°-160° | 40.2   | 0.9       |
| 160°-170° | 4.9    | 0.1       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3988.7 | 86.8      |
| 0°-180°   | 4595.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P691713

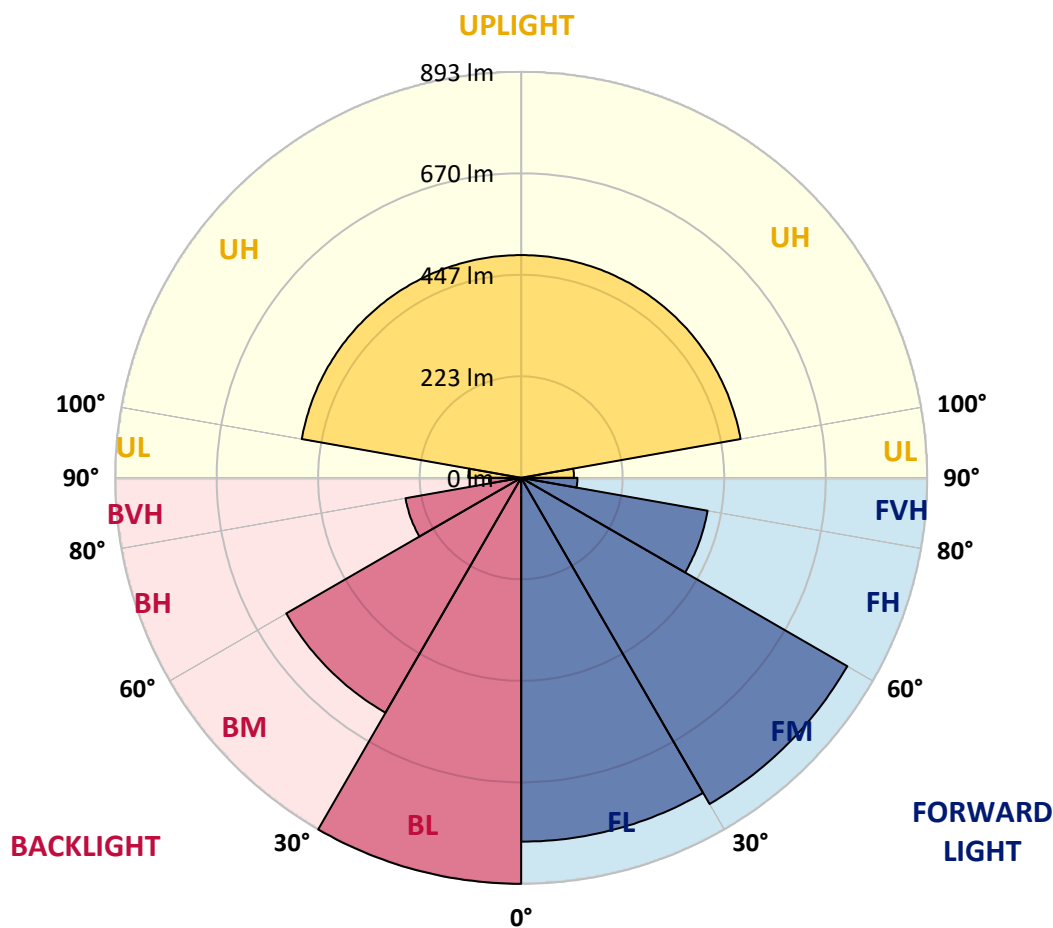
CATALOG NUMBER: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |        |
|------|-------------|--------|-----------|-------------------------|--------|--------|
|      |             |        |           | B                       | U      | G      |
| FL   | (0°-30°)    | 800.5  | 17.4      |                         |        |        |
| FM   | (30°-60°)   | 828.7  | 18.0      |                         |        |        |
| FH   | (60°-80°)   | 416.5  | 9.1       |                         |        | G0/660 |
| FVH  | (80°-90°)   | 123.8  | 2.7       |                         |        | G2/225 |
| BL   | (0°-30°)    | 893.3  | 19.4      | B2/1000                 |        |        |
| BM   | (30°-60°)   | 596.8  | 13.0      | B1/1000                 |        |        |
| BH   | (60°-80°)   | 258.4  | 5.6       | B1/500                  |        | G1/500 |
| BVH  | (80°-90°)   | 70.8   | 1.5       |                         |        | G1/100 |
| UL   | (90°-100°)  | 116.3  | 2.5       |                         | U3/500 |        |
| UH   | (100°-180°) | 490.1  | 10.7      |                         | U3/500 |        |

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

Type I Short



REPORT NUMBER: P691713

CATALOG NUMBER: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 |
| 2.5°   | 2851.6 | 2917.8 | 2923.8 | 2996.0 | 3050.2 | 3100.3 | 3136.4 | 3240.7 | 3347.0 | 3447.2 | 3505.4 |
| 5°     | 2264.1 | 2296.2 | 2354.3 | 2432.5 | 2532.8 | 2611.0 | 2723.3 | 2869.7 | 3010.1 | 3186.5 | 3272.8 |
| 7.5°   | 1901.1 | 1925.2 | 1987.3 | 2113.7 | 2240.0 | 2360.3 | 2468.6 | 2609.0 | 2717.3 | 2863.7 | 2935.9 |
| 10°    | 1756.7 | 1770.7 | 1822.9 | 1911.1 | 2031.4 | 2131.7 | 2226.0 | 2332.3 | 2428.5 | 2562.9 | 2615.0 |
| 12.5°  | 1742.7 | 1748.7 | 1790.8 | 1853.0 | 1923.2 | 2005.4 | 2083.6 | 2173.8 | 2276.1 | 2382.4 | 2422.5 |
| 15°    | 1818.9 | 1814.9 | 1828.9 | 1865.0 | 1905.1 | 1969.3 | 2041.5 | 2123.7 | 2222.0 | 2300.2 | 2332.3 |
| 17.5°  | 1873.0 | 1871.0 | 1897.1 | 1913.1 | 1951.2 | 1989.3 | 2061.5 | 2125.7 | 2222.0 | 2284.1 | 2302.2 |
| 20°    | 1951.2 | 1955.2 | 1963.3 | 1993.3 | 2009.4 | 2035.5 | 2079.6 | 2117.7 | 2199.9 | 2236.0 | 2232.0 |
| 22.5°  | 1993.3 | 1991.3 | 2025.4 | 2095.6 | 2113.7 | 2127.7 | 2135.7 | 2151.8 | 2197.9 | 2195.9 | 2165.8 |
| 25°    | 1616.3 | 1620.3 | 1628.4 | 1688.5 | 1764.7 | 1889.1 | 1991.3 | 2151.8 | 2238.0 | 2205.9 | 2141.7 |
| 27.5°  | 1510.0 | 1498.0 | 1455.9 | 1421.8 | 1319.5 | 1251.4 | 1187.2 | 1159.1 | 1173.1 | 1197.2 | 1263.4 |
| 30°    | 1028.8 | 1030.8 | 1034.8 | 1040.8 | 1050.8 | 1076.9 | 1094.9 | 1096.9 | 1111.0 | 1151.1 | 1137.0 |
| 32.5°  | 1030.8 | 1032.8 | 1026.8 | 1032.8 | 1028.8 | 1038.8 | 1036.8 | 1028.8 | 1040.8 | 1076.9 | 1062.9 |
| 35°    | 968.6  | 964.6  | 968.6  | 970.6  | 948.5  | 940.5  | 938.5  | 932.5  | 940.5  | 958.6  | 946.5  |
| 37.5°  | 872.3  | 870.3  | 888.4  | 898.4  | 880.4  | 880.4  | 876.3  | 868.3  | 874.3  | 890.4  | 874.3  |
| 40°    | 788.1  | 790.1  | 816.2  | 832.2  | 826.2  | 832.2  | 838.2  | 836.2  | 850.3  | 856.3  | 836.2  |
| 42.5°  | 695.9  | 691.9  | 717.9  | 730.0  | 717.9  | 721.9  | 719.9  | 721.9  | 750.0  | 762.0  | 748.0  |
| 45°    | 581.6  | 587.6  | 599.6  | 615.7  | 613.6  | 619.7  | 617.7  | 621.7  | 639.7  | 645.7  | 635.7  |
| 47.5°  | 517.4  | 521.4  | 535.4  | 553.5  | 563.5  | 573.5  | 573.5  | 575.5  | 587.6  | 589.6  | 579.6  |
| 50°    | 503.3  | 507.4  | 525.4  | 545.5  | 561.5  | 573.5  | 579.6  | 577.5  | 583.6  | 579.6  | 565.5  |
| 52.5°  | 527.4  | 527.4  | 555.5  | 579.6  | 599.6  | 621.7  | 629.7  | 621.7  | 621.7  | 605.6  | 583.6  |
| 55°    | 537.4  | 539.4  | 573.5  | 615.7  | 653.8  | 693.9  | 719.9  | 717.9  | 715.9  | 689.8  | 649.7  |
| 57.5°  | 505.4  | 511.4  | 545.5  | 593.6  | 645.7  | 709.9  | 748.0  | 754.0  | 754.0  | 719.9  | 675.8  |
| 60°    | 459.2  | 463.2  | 489.3  | 529.4  | 581.6  | 629.7  | 669.8  | 673.8  | 685.8  | 667.8  | 627.7  |
| 62.5°  | 421.1  | 425.1  | 447.2  | 477.3  | 515.4  | 545.5  | 557.5  | 557.5  | 563.5  | 557.5  | 529.4  |
| 65°    | 393.1  | 395.1  | 413.1  | 439.2  | 465.2  | 489.3  | 501.3  | 497.3  | 505.4  | 497.3  | 475.3  |
| 67.5°  | 367.0  | 367.0  | 383.0  | 403.1  | 427.1  | 455.2  | 463.2  | 467.3  | 475.3  | 465.2  | 445.2  |
| 70°    | 340.9  | 342.9  | 359.0  | 375.0  | 397.1  | 417.1  | 425.1  | 427.1  | 437.2  | 425.1  | 411.1  |
| 72.5°  | 318.9  | 318.9  | 332.9  | 348.9  | 365.0  | 385.0  | 391.0  | 395.1  | 401.1  | 389.0  | 377.0  |
| 75°    | 292.8  | 294.8  | 306.8  | 320.9  | 334.9  | 355.0  | 361.0  | 363.0  | 369.0  | 355.0  | 342.9  |
| 77.5°  | 268.7  | 270.7  | 280.8  | 292.8  | 306.8  | 322.9  | 328.9  | 332.9  | 334.9  | 322.9  | 310.8  |
| 80°    | 244.7  | 246.7  | 254.7  | 266.7  | 278.7  | 294.8  | 298.8  | 300.8  | 304.8  | 290.8  | 282.8  |
| 82.5°  | 222.6  | 222.6  | 228.6  | 238.6  | 250.7  | 264.7  | 270.7  | 272.7  | 274.7  | 262.7  | 254.7  |
| 85°    | 196.5  | 196.5  | 202.5  | 212.6  | 222.6  | 236.6  | 242.7  | 244.7  | 244.7  | 234.6  | 226.6  |
| 87.5°  | 174.5  | 174.5  | 178.5  | 186.5  | 194.5  | 208.6  | 214.6  | 218.6  | 216.6  | 208.6  | 200.5  |
| 90°    | 152.4  | 152.4  | 156.4  | 162.4  | 170.5  | 182.5  | 188.5  | 190.5  | 190.5  | 180.5  | 174.5  |
| 92.5°  | 132.4  | 132.4  | 136.4  | 142.4  | 148.4  | 158.4  | 164.4  | 168.5  | 168.5  | 160.4  | 154.4  |
| 95°    | 114.3  | 114.3  | 116.3  | 122.3  | 128.3  | 136.4  | 140.4  | 144.4  | 144.4  | 140.4  | 134.4  |
| 97.5°  | 98.3   | 98.3   | 100.3  | 104.3  | 108.3  | 114.3  | 118.3  | 122.3  | 122.3  | 120.3  | 116.3  |
| 100°   | 86.2   | 86.2   | 86.2   | 88.2   | 92.2   | 94.3   | 98.3   | 102.3  | 102.3  | 100.3  | 98.3   |
| 102.5° | 78.2   | 78.2   | 78.2   | 78.2   | 78.2   | 80.2   | 80.2   | 82.2   | 82.2   | 82.2   | 80.2   |
| 105°   | 74.2   | 74.2   | 74.2   | 74.2   | 74.2   | 74.2   | 74.2   | 74.2   | 72.2   | 70.2   | 68.2   |
| 107.5° | 74.2   | 72.2   | 72.2   | 72.2   | 72.2   | 70.2   | 70.2   | 70.2   | 68.2   | 66.2   | 64.2   |
| 110°   | 74.2   | 74.2   | 74.2   | 74.2   | 72.2   | 70.2   | 70.2   | 68.2   | 66.2   | 64.2   | 62.2   |

REPORT NUMBER: P691713

CATALOG NUMBER: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 78.2  | 78.2  | 78.2  | 76.2  | 74.2  | 74.2  | 72.2  | 70.2  | 68.2  | 64.2  | 62.2  |
| 115°   | 84.2  | 84.2  | 84.2  | 84.2  | 82.2  | 78.2  | 76.2  | 74.2  | 70.2  | 68.2  | 66.2  |
| 117.5° | 94.3  | 94.3  | 94.3  | 94.3  | 90.2  | 88.2  | 84.2  | 82.2  | 78.2  | 74.2  | 72.2  |
| 120°   | 106.3 | 106.3 | 108.3 | 108.3 | 106.3 | 102.3 | 96.3  | 94.3  | 90.2  | 84.2  | 80.2  |
| 122.5° | 124.3 | 122.3 | 126.3 | 126.3 | 126.3 | 122.3 | 114.3 | 110.3 | 106.3 | 98.3  | 94.3  |
| 125°   | 142.4 | 142.4 | 146.4 | 150.4 | 152.4 | 146.4 | 138.4 | 132.4 | 126.3 | 116.3 | 110.3 |
| 127.5° | 162.4 | 162.4 | 170.5 | 178.5 | 182.5 | 176.5 | 166.4 | 160.4 | 152.4 | 138.4 | 130.3 |
| 130°   | 182.5 | 182.5 | 194.5 | 206.6 | 212.6 | 208.6 | 198.5 | 190.5 | 180.5 | 162.4 | 152.4 |
| 132.5° | 200.5 | 200.5 | 214.6 | 230.6 | 238.6 | 236.6 | 226.6 | 218.6 | 210.6 | 188.5 | 174.5 |
| 135°   | 214.6 | 216.6 | 234.6 | 252.7 | 262.7 | 264.7 | 254.7 | 244.7 | 234.6 | 210.6 | 194.5 |
| 137.5° | 222.6 | 226.6 | 244.7 | 266.7 | 276.7 | 282.8 | 276.7 | 266.7 | 254.7 | 228.6 | 210.6 |
| 140°   | 224.6 | 226.6 | 246.7 | 268.7 | 278.7 | 286.8 | 286.8 | 274.7 | 264.7 | 238.6 | 218.6 |
| 142.5° | 218.6 | 220.6 | 240.6 | 260.7 | 270.7 | 280.8 | 282.8 | 272.7 | 262.7 | 238.6 | 218.6 |
| 145°   | 204.5 | 208.6 | 226.6 | 242.7 | 256.7 | 266.7 | 270.7 | 264.7 | 252.7 | 230.6 | 212.6 |
| 147.5° | 186.5 | 188.5 | 204.5 | 218.6 | 232.6 | 244.7 | 250.7 | 244.7 | 234.6 | 214.6 | 198.5 |
| 150°   | 158.4 | 160.4 | 172.5 | 184.5 | 200.5 | 212.6 | 220.6 | 216.6 | 208.6 | 192.5 | 176.5 |
| 152.5° | 128.3 | 128.3 | 138.4 | 148.4 | 162.4 | 174.5 | 182.5 | 180.5 | 174.5 | 160.4 | 148.4 |
| 155°   | 98.3  | 98.3  | 104.3 | 112.3 | 124.3 | 132.4 | 140.4 | 140.4 | 136.4 | 126.3 | 116.3 |
| 157.5° | 70.2  | 70.2  | 76.2  | 82.2  | 90.2  | 98.3  | 104.3 | 104.3 | 102.3 | 94.3  | 88.2  |
| 160°   | 46.1  | 46.1  | 50.1  | 54.1  | 62.2  | 66.2  | 72.2  | 72.2  | 70.2  | 66.2  | 62.2  |
| 162.5° | 24.1  | 24.1  | 28.1  | 30.1  | 36.1  | 40.1  | 44.1  | 46.1  | 46.1  | 42.1  | 40.1  |
| 165°   | 8.0   | 8.0   | 8.0   | 10.0  | 14.0  | 18.0  | 20.1  | 22.1  | 22.1  | 20.1  | 20.1  |
| 167.5° | 2.0   | 2.0   | 2.0   | 2.0   | 2.0   | 2.0   | 4.0   | 6.0   | 6.0   | 6.0   | 6.0   |
| 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   |

REPORT NUMBER: P691713

CATALOG NUMBER: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 178°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 | 3842.3 |
| 2.5°   | 3567.6 | 3750.1 | 3906.5 | 4070.9 | 4253.4 | 4407.8 | 4564.2 | 4650.5 | 4724.7 | 4710.6 | 4710.6 |
| 5°     | 3357.0 | 3539.5 | 3730.0 | 3930.5 | 4177.2 | 4429.9 | 4670.5 | 4843.0 | 4933.2 | 4947.3 | 4945.3 |
| 7.5°   | 3008.1 | 3178.5 | 3359.0 | 3581.6 | 3870.4 | 4179.2 | 4506.1 | 4776.8 | 4947.3 | 4979.4 | 4985.4 |
| 10°    | 2663.1 | 2791.5 | 2943.9 | 3096.3 | 3355.0 | 3637.8 | 3930.5 | 4147.1 | 4313.6 | 4337.6 | 4365.7 |
| 12.5°  | 2456.6 | 2526.8 | 2625.0 | 2731.3 | 2899.8 | 3106.3 | 3347.0 | 3471.3 | 3577.6 | 3589.6 | 3615.7 |
| 15°    | 2350.3 | 2384.4 | 2408.5 | 2446.6 | 2546.8 | 2675.2 | 2785.5 | 2907.8 | 2951.9 | 2982.0 | 2996.0 |
| 17.5°  | 2308.2 | 2304.2 | 2280.1 | 2280.1 | 2288.1 | 2336.3 | 2406.5 | 2448.6 | 2476.6 | 2490.7 | 2494.7 |
| 20°    | 2222.0 | 2185.9 | 2137.7 | 2073.6 | 2039.5 | 2023.4 | 2041.5 | 2051.5 | 2043.5 | 2033.5 | 2051.5 |
| 22.5°  | 2131.7 | 2055.5 | 1969.3 | 1895.1 | 1806.8 | 1752.7 | 1700.6 | 1682.5 | 1660.5 | 1674.5 | 1674.5 |
| 25°    | 2103.6 | 1969.3 | 1830.9 | 1706.6 | 1574.2 | 1484.0 | 1387.7 | 1353.6 | 1319.5 | 1347.6 | 1347.6 |
| 27.5°  | 1243.3 | 1243.3 | 1165.1 | 1060.8 | 946.5  | 898.4  | 860.3  | 838.2  | 824.2  | 830.2  | 830.2  |
| 30°    | 1113.0 | 1060.8 | 1012.7 | 946.5  | 858.3  | 800.1  | 750.0  | 719.9  | 705.9  | 701.9  | 705.9  |
| 32.5°  | 1032.8 | 992.7  | 934.5  | 868.3  | 790.1  | 725.9  | 669.8  | 639.7  | 617.7  | 621.7  | 623.7  |
| 35°    | 924.5  | 882.4  | 832.2  | 770.1  | 703.9  | 643.7  | 593.6  | 563.5  | 543.5  | 543.5  | 545.5  |
| 37.5°  | 856.3  | 814.2  | 766.1  | 709.9  | 645.7  | 587.6  | 541.5  | 505.4  | 487.3  | 485.3  | 485.3  |
| 40°    | 814.2  | 772.1  | 728.0  | 671.8  | 611.6  | 551.5  | 505.4  | 473.3  | 451.2  | 451.2  | 453.2  |
| 42.5°  | 738.0  | 697.9  | 659.8  | 609.6  | 555.5  | 503.3  | 459.2  | 431.2  | 409.1  | 405.1  | 409.1  |
| 45°    | 621.7  | 599.6  | 569.5  | 535.4  | 489.3  | 447.2  | 407.1  | 383.0  | 365.0  | 365.0  | 363.0  |
| 47.5°  | 569.5  | 547.5  | 515.4  | 481.3  | 443.2  | 401.1  | 369.0  | 346.9  | 330.9  | 330.9  | 330.9  |
| 50°    | 549.5  | 525.4  | 485.3  | 447.2  | 403.1  | 367.0  | 338.9  | 316.8  | 304.8  | 304.8  | 302.8  |
| 52.5°  | 559.5  | 521.4  | 469.3  | 415.1  | 373.0  | 336.9  | 308.8  | 286.8  | 276.7  | 276.7  | 274.7  |
| 55°    | 613.6  | 545.5  | 469.3  | 403.1  | 352.9  | 312.8  | 284.8  | 260.7  | 250.7  | 250.7  | 250.7  |
| 57.5°  | 635.7  | 559.5  | 465.2  | 391.0  | 334.9  | 292.8  | 258.7  | 236.6  | 226.6  | 226.6  | 224.6  |
| 60°    | 595.6  | 531.4  | 445.2  | 375.0  | 320.9  | 278.7  | 246.7  | 224.6  | 212.6  | 212.6  | 210.6  |
| 62.5°  | 507.4  | 461.2  | 395.1  | 342.9  | 300.8  | 262.7  | 234.6  | 212.6  | 202.5  | 202.5  | 202.5  |
| 65°    | 455.2  | 415.1  | 363.0  | 316.8  | 278.7  | 246.7  | 220.6  | 202.5  | 192.5  | 192.5  | 192.5  |
| 67.5°  | 425.1  | 391.0  | 338.9  | 294.8  | 256.7  | 226.6  | 202.5  | 186.5  | 178.5  | 176.5  | 178.5  |
| 70°    | 393.1  | 357.0  | 308.8  | 266.7  | 232.6  | 204.5  | 182.5  | 166.4  | 158.4  | 158.4  | 158.4  |
| 72.5°  | 359.0  | 324.9  | 278.7  | 240.6  | 206.6  | 184.5  | 162.4  | 148.4  | 140.4  | 140.4  | 138.4  |
| 75°    | 326.9  | 292.8  | 248.7  | 212.6  | 184.5  | 162.4  | 144.4  | 132.4  | 124.3  | 124.3  | 124.3  |
| 77.5°  | 296.8  | 264.7  | 222.6  | 190.5  | 164.4  | 146.4  | 128.3  | 118.3  | 112.3  | 112.3  | 110.3  |
| 80°    | 268.7  | 238.6  | 198.5  | 170.5  | 146.4  | 130.3  | 114.3  | 106.3  | 100.3  | 100.3  | 100.3  |
| 82.5°  | 240.6  | 212.6  | 176.5  | 150.4  | 130.3  | 114.3  | 102.3  | 94.3   | 90.2   | 88.2   | 90.2   |
| 85°    | 214.6  | 188.5  | 156.4  | 132.4  | 114.3  | 100.3  | 90.2   | 82.2   | 78.2   | 78.2   | 78.2   |
| 87.5°  | 190.5  | 166.4  | 138.4  | 116.3  | 100.3  | 88.2   | 78.2   | 72.2   | 70.2   | 68.2   | 68.2   |
| 90°    | 164.4  | 142.4  | 118.3  | 100.3  | 86.2   | 76.2   | 66.2   | 62.2   | 58.2   | 58.2   | 58.2   |
| 92.5°  | 146.4  | 128.3  | 106.3  | 90.2   | 78.2   | 70.2   | 62.2   | 58.2   | 54.1   | 54.1   | 54.1   |
| 95°    | 128.3  | 112.3  | 94.3   | 82.2   | 72.2   | 64.2   | 58.2   | 54.1   | 52.1   | 52.1   | 52.1   |
| 97.5°  | 110.3  | 98.3   | 84.2   | 74.2   | 66.2   | 60.2   | 54.1   | 50.1   | 48.1   | 48.1   | 48.1   |
| 100°   | 92.2   | 84.2   | 74.2   | 66.2   | 60.2   | 54.1   | 48.1   | 46.1   | 44.1   | 44.1   | 44.1   |
| 102.5° | 76.2   | 70.2   | 62.2   | 56.2   | 50.1   | 46.1   | 42.1   | 40.1   | 38.1   | 38.1   | 38.1   |
| 105°   | 66.2   | 62.2   | 56.2   | 50.1   | 46.1   | 42.1   | 38.1   | 34.1   | 34.1   | 34.1   | 34.1   |
| 107.5° | 62.2   | 56.2   | 52.1   | 48.1   | 44.1   | 38.1   | 36.1   | 32.1   | 30.1   | 30.1   | 30.1   |
| 110°   | 60.2   | 56.2   | 52.1   | 46.1   | 42.1   | 38.1   | 34.1   | 30.1   | 28.1   | 28.1   | 28.1   |

REPORT NUMBER: P691713

CATALOG NUMBER: CRTK2-C018-D-U-T3-8027-RMARROA5-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 95°   | 105°  | 115°  | 125°  | 135° | 145° | 155° | 165° | 175° | 178° | 180° |
|--------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 112.5° | 60.2  | 56.2  | 52.1  | 48.1  | 44.1 | 38.1 | 36.1 | 28.1 | 26.1 | 26.1 | 26.1 |
| 115°   | 64.2  | 60.2  | 54.1  | 50.1  | 44.1 | 40.1 | 36.1 | 28.1 | 26.1 | 26.1 | 26.1 |
| 117.5° | 68.2  | 64.2  | 58.2  | 54.1  | 48.1 | 42.1 | 36.1 | 28.1 | 26.1 | 26.1 | 26.1 |
| 120°   | 78.2  | 72.2  | 64.2  | 58.2  | 52.1 | 44.1 | 38.1 | 28.1 | 24.1 | 26.1 | 26.1 |
| 122.5° | 88.2  | 82.2  | 72.2  | 64.2  | 56.2 | 48.1 | 38.1 | 28.1 | 24.1 | 26.1 | 26.1 |
| 125°   | 104.3 | 94.3  | 82.2  | 72.2  | 60.2 | 50.1 | 40.1 | 28.1 | 22.1 | 24.1 | 26.1 |
| 127.5° | 122.3 | 110.3 | 94.3  | 80.2  | 66.2 | 52.1 | 40.1 | 28.1 | 22.1 | 24.1 | 24.1 |
| 130°   | 142.4 | 126.3 | 106.3 | 86.2  | 70.2 | 54.1 | 40.1 | 28.1 | 22.1 | 24.1 | 24.1 |
| 132.5° | 162.4 | 140.4 | 116.3 | 94.3  | 74.2 | 56.2 | 40.1 | 26.1 | 22.1 | 22.1 | 22.1 |
| 135°   | 178.5 | 152.4 | 124.3 | 98.3  | 76.2 | 56.2 | 38.1 | 26.1 | 20.1 | 20.1 | 20.1 |
| 137.5° | 192.5 | 162.4 | 130.3 | 100.3 | 76.2 | 54.1 | 36.1 | 24.1 | 18.0 | 18.0 | 18.0 |
| 140°   | 200.5 | 166.4 | 132.4 | 98.3  | 72.2 | 52.1 | 34.1 | 22.1 | 16.0 | 16.0 | 16.0 |
| 142.5° | 200.5 | 164.4 | 128.3 | 96.3  | 68.2 | 48.1 | 30.1 | 18.0 | 14.0 | 14.0 | 14.0 |
| 145°   | 192.5 | 156.4 | 122.3 | 90.2  | 62.2 | 42.1 | 26.1 | 16.0 | 12.0 | 12.0 | 12.0 |
| 147.5° | 180.5 | 144.4 | 112.3 | 82.2  | 56.2 | 36.1 | 22.1 | 14.0 | 10.0 | 10.0 | 10.0 |
| 150°   | 160.4 | 128.3 | 98.3  | 70.2  | 48.1 | 30.1 | 18.0 | 12.0 | 8.0  | 8.0  | 8.0  |
| 152.5° | 134.4 | 106.3 | 82.2  | 58.2  | 40.1 | 24.1 | 16.0 | 8.0  | 6.0  | 6.0  | 6.0  |
| 155°   | 106.3 | 84.2  | 64.2  | 46.1  | 30.1 | 18.0 | 12.0 | 8.0  | 4.0  | 4.0  | 4.0  |
| 157.5° | 80.2  | 62.2  | 48.1  | 34.1  | 22.1 | 14.0 | 8.0  | 6.0  | 4.0  | 4.0  | 4.0  |
| 160°   | 56.2  | 44.1  | 32.1  | 22.1  | 14.0 | 10.0 | 6.0  | 4.0  | 2.0  | 2.0  | 2.0  |
| 162.5° | 36.1  | 28.1  | 20.1  | 14.0  | 8.0  | 6.0  | 4.0  | 2.0  | 2.0  | 2.0  | 0.0  |
| 165°   | 18.0  | 14.0  | 10.0  | 6.0   | 4.0  | 2.0  | 2.0  | 2.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 4.0   | 4.0   | 4.0   | 2.0   | 2.0  | 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  |

(END OF REPORT)