

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: P691919

Luminaire Tested: **CRTK2-C01H-D-U-T5R-7050-RMARROA5**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691919  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C01H-D-U-T5R-7050-RMARROA5  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC AND NEMA REFRACTOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8686 lumens  
Efficiency: N/A  
Efficacy: 123.7 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.54')  
IES Classification: Type V - Short  
BUG Rating: B3 - U4 - G2

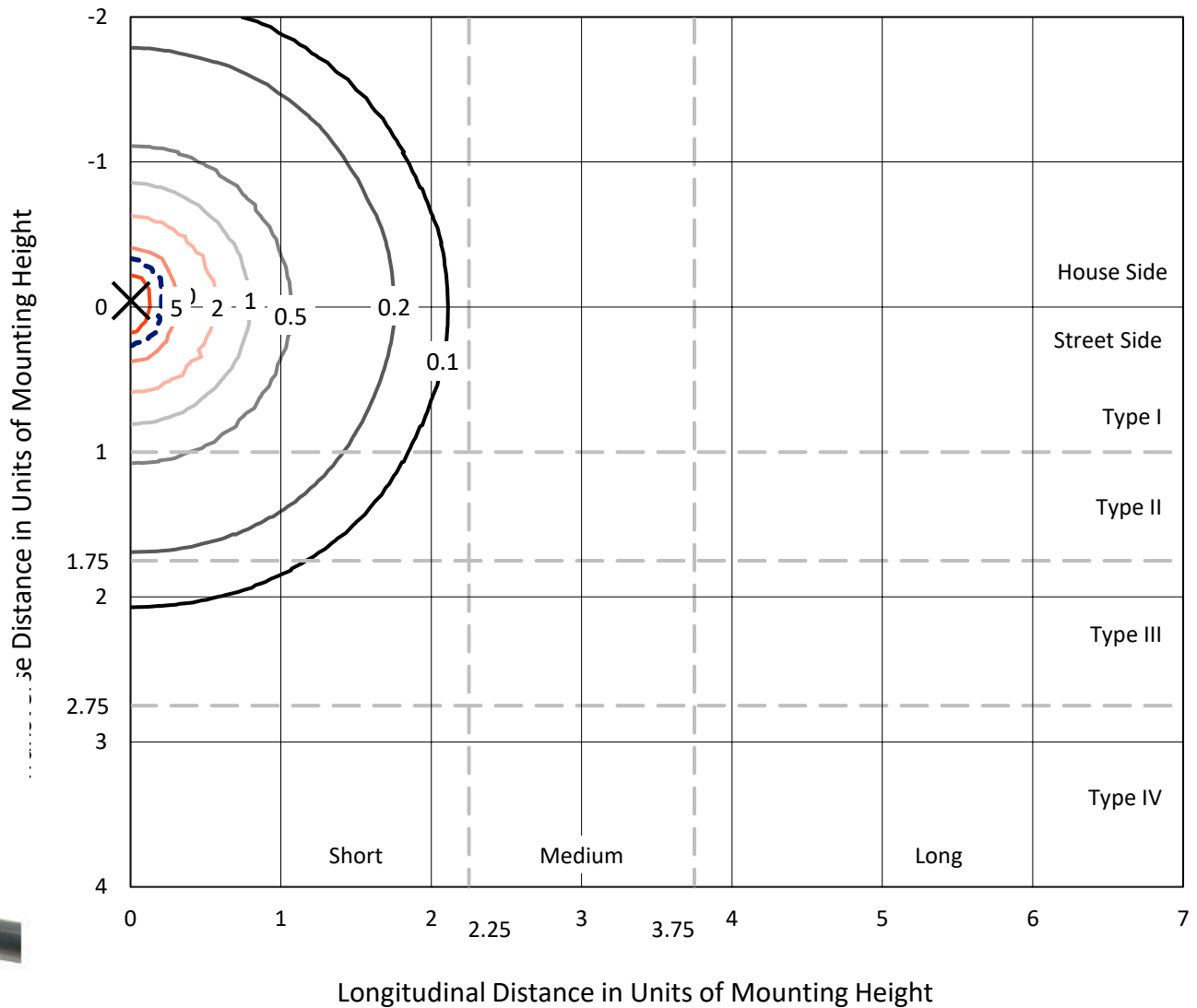
Input Watts (W): 70.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P691919  
 CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

### Iso-Footcandle Lines of Horizontal Illumination

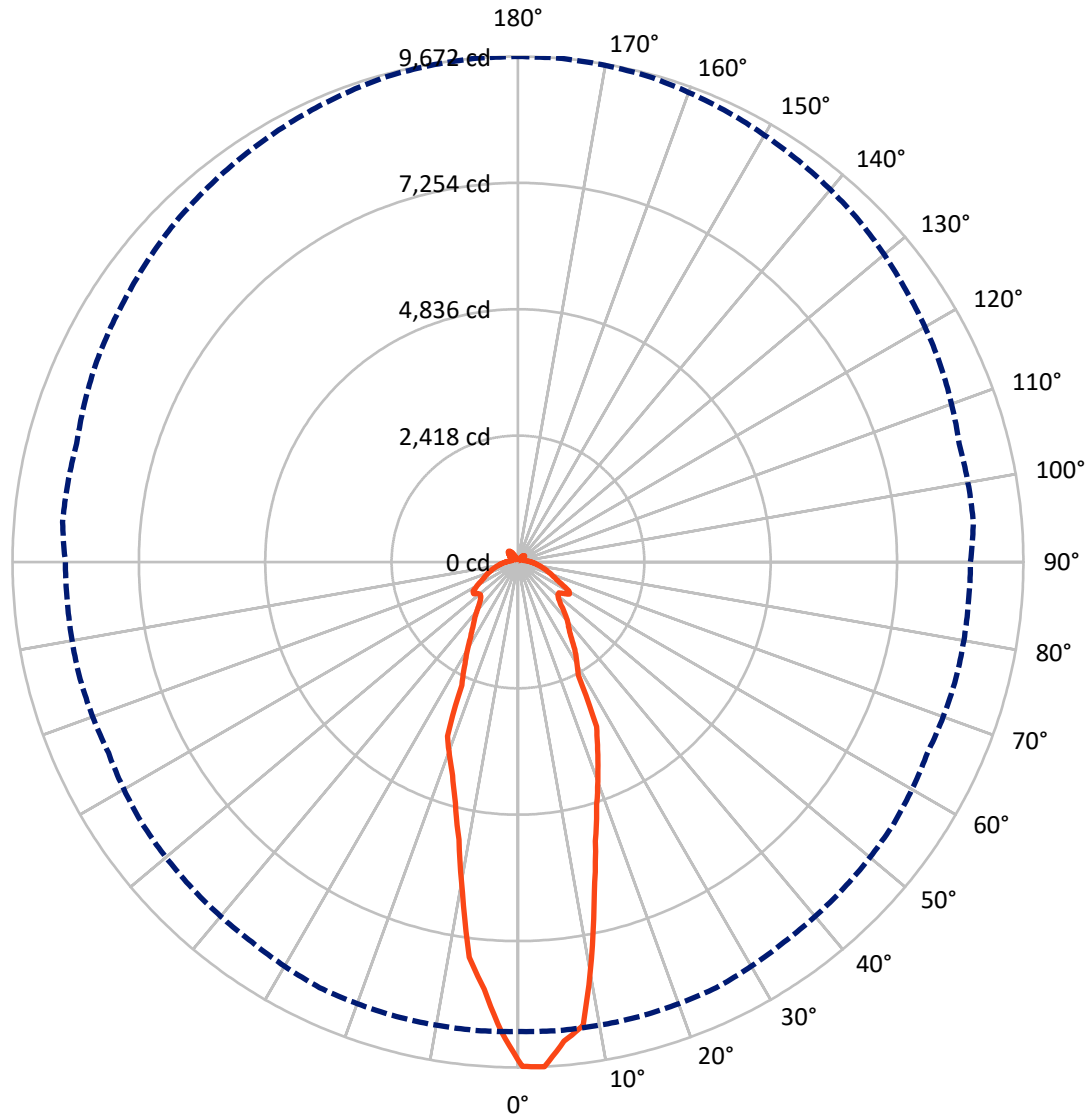
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.4 fc  
 Type V - Short - N/A

REPORT NUMBER: P691919  
CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

### Luminous Intensity Polar Plot



— Vertical Plane Through 175-Deg Lateral    - - - Horizontal Cone Through 2.5-Deg Vertical

REPORT NUMBER: P691919

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

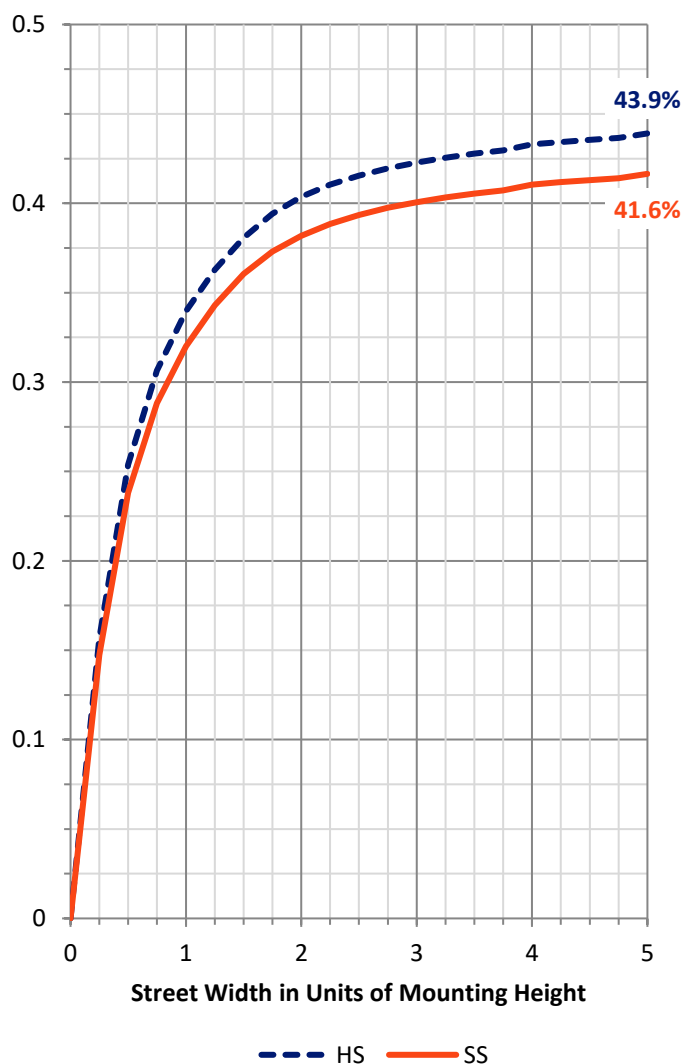
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 3931.2   | 519.3  | 4450.5 |
|                    | % Fixture | 45.3     | 6.0    | 51.2   |
| <b>Street Side</b> | Lumens    | 3702.5   | 533.0  | 4235.5 |
|                    | % Fixture | 42.6     | 6.1    | 48.8   |
| <b>Total</b>       | Lumens    | 7633.7   | 1052.3 | 8686.0 |
|                    | % Fixture | 87.9     | 12.1   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 718.6  | 8.3       |
| 10°-20°   | 1261.3 | 14.5      |
| 20°-30°   | 1250.7 | 14.4      |
| 30°-40°   | 964.1  | 11.1      |
| 40°-50°   | 826.6  | 9.5       |
| 50°-60°   | 924.4  | 10.6      |
| 60°-70°   | 792.0  | 9.1       |
| 70°-80°   | 545.0  | 6.3       |
| 80°-90°   | 350.8  | 4.0       |
| 90°-100°  | 210.2  | 2.4       |
| 100°-110° | 125.1  | 1.4       |
| 110°-120° | 115.8  | 1.3       |
| 120°-130° | 165.2  | 1.9       |
| 130°-140° | 213.5  | 2.5       |
| 140°-150° | 158.0  | 1.8       |
| 150°-160° | 57.8   | 0.7       |
| 160°-170° | 6.7    | 0.1       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 7633.7 | 87.9      |
| 0°-180°   | 8686.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P691919

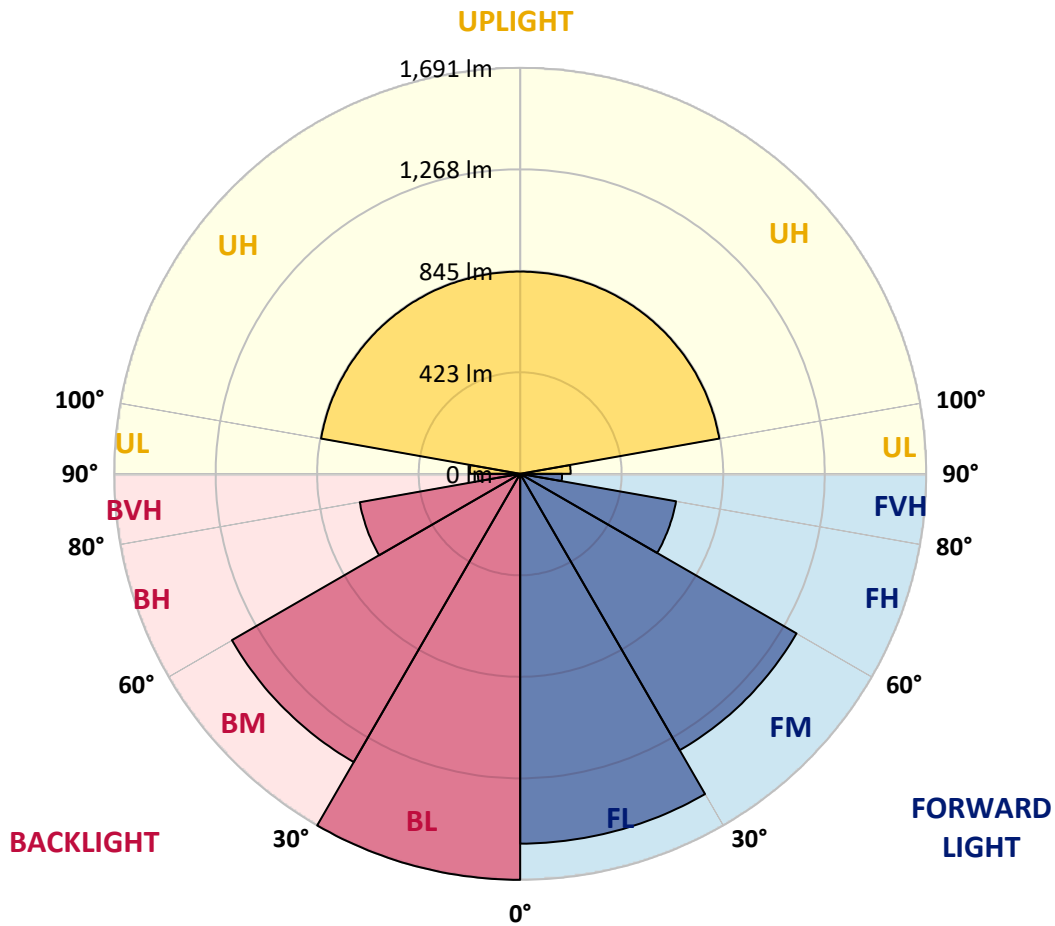
CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |         |         |
|----------------|--------|-----------|-------------------------|---------|---------|
|                |        |           | B                       | U       | G       |
| FL (0°-30°)    | 1539.9 | 17.7      |                         |         |         |
| FM (30°-60°)   | 1328.9 | 15.3      |                         |         |         |
| FH (60°-80°)   | 658.8  | 7.6       |                         |         | G0/660  |
| FVH (80°-90°)  | 174.9  | 2.0       |                         |         | G2/225  |
| BL (0°-30°)    | 1690.8 | 19.5      | B3/2500                 |         |         |
| BM (30°-60°)   | 1386.2 | 16.0      | B2/2500                 |         |         |
| BH (60°-80°)   | 678.2  | 7.8       | B2/1000                 |         | G1/1800 |
| BVH (80°-90°)  | 176.0  | 2.0       |                         |         | G2/225  |
| UL (90°-100°)  | 210.2  | 2.4       |                         | U3/500  |         |
| UH (100°-180°) | 842.1  | 9.7       |                         | U4/1000 |         |

**BUG Rating: B3-U4-G2**

Type V Short





REPORT NUMBER: P691919

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 |
| 2.5°   | 8986.1 | 8999.2 | 9002.5 | 8986.1 | 8878.3 | 8822.8 | 8763.9 | 8646.3 | 8672.4 | 8656.1 | 8659.4 |
| 5°     | 8149.6 | 8201.9 | 8120.2 | 8097.3 | 7933.9 | 7813.0 | 7695.4 | 7568.0 | 7538.6 | 7486.3 | 7505.9 |
| 7.5°   | 7594.1 | 7623.5 | 7489.5 | 7352.3 | 7090.9 | 6904.6 | 6708.6 | 6512.5 | 6365.5 | 6309.9 | 6332.8 |
| 10°    | 6323.0 | 6421.0 | 6287.0 | 6146.5 | 5898.2 | 5676.0 | 5470.1 | 5277.3 | 5143.3 | 5100.9 | 5107.4 |
| 12.5°  | 5375.3 | 5430.9 | 5316.5 | 5221.8 | 4944.0 | 4731.6 | 4542.1 | 4362.4 | 4254.5 | 4208.8 | 4208.8 |
| 15°    | 4748.0 | 4770.8 | 4682.6 | 4499.6 | 4290.5 | 4097.7 | 3937.6 | 3806.9 | 3718.6 | 3702.3 | 3708.8 |
| 17.5°  | 4274.1 | 4274.1 | 4185.9 | 4042.1 | 3882.0 | 3712.1 | 3601.0 | 3503.0 | 3463.8 | 3476.8 | 3480.1 |
| 20°    | 3918.0 | 3921.2 | 3842.8 | 3702.3 | 3565.0 | 3411.5 | 3320.0 | 3251.4 | 3228.5 | 3251.4 | 3254.6 |
| 22.5°  | 3581.4 | 3597.7 | 3512.8 | 3408.2 | 3257.9 | 3137.0 | 3061.8 | 2986.7 | 2973.6 | 2983.4 | 2983.4 |
| 25°    | 2591.3 | 2591.3 | 2561.9 | 2480.2 | 2512.9 | 2525.9 | 2614.2 | 2803.7 | 2764.5 | 2800.4 | 2797.1 |
| 27.5°  | 2235.1 | 2248.2 | 2189.4 | 2117.5 | 2042.3 | 1954.1 | 1937.7 | 1921.4 | 1905.1 | 1980.2 | 2006.4 |
| 30°    | 1973.7 | 1980.2 | 1931.2 | 1882.2 | 1820.1 | 1771.1 | 1758.0 | 1758.0 | 1741.7 | 1800.5 | 1797.2 |
| 32.5°  | 1725.3 | 1715.5 | 1702.5 | 1656.7 | 1617.5 | 1575.0 | 1584.8 | 1578.3 | 1578.3 | 1630.6 | 1633.8 |
| 35°    | 1529.3 | 1526.0 | 1516.2 | 1483.5 | 1444.3 | 1411.6 | 1421.4 | 1428.0 | 1424.7 | 1457.4 | 1457.4 |
| 37.5°  | 1385.5 | 1388.8 | 1382.2 | 1369.2 | 1329.9 | 1303.8 | 1310.3 | 1303.8 | 1313.6 | 1336.5 | 1336.5 |
| 40°    | 1245.0 | 1245.0 | 1248.3 | 1245.0 | 1218.8 | 1209.0 | 1228.7 | 1218.8 | 1241.7 | 1258.1 | 1251.5 |
| 42.5°  | 1111.0 | 1114.3 | 1120.8 | 1114.3 | 1097.9 | 1088.1 | 1097.9 | 1101.2 | 1133.9 | 1156.8 | 1153.5 |
| 45°    | 1026.1 | 1026.1 | 1029.3 | 1026.1 | 1013.0 | 1003.2 | 1003.2 | 993.4  | 1016.3 | 1029.3 | 1026.1 |
| 47.5°  | 970.5  | 970.5  | 977.0  | 973.8  | 967.2  | 957.4  | 950.9  | 937.8  | 947.6  | 957.4  | 947.6  |
| 50°    | 950.9  | 950.9  | 964.0  | 964.0  | 960.7  | 950.9  | 941.1  | 924.8  | 928.0  | 934.6  | 921.5  |
| 52.5°  | 980.3  | 980.3  | 1003.2 | 1013.0 | 1013.0 | 996.6  | 983.6  | 960.7  | 960.7  | 967.2  | 947.6  |
| 55°    | 1042.4 | 1042.4 | 1078.3 | 1097.9 | 1101.2 | 1101.2 | 1084.9 | 1062.0 | 1065.3 | 1078.3 | 1058.7 |
| 57.5°  | 1019.5 | 1022.8 | 1052.2 | 1078.3 | 1094.7 | 1104.5 | 1104.5 | 1091.4 | 1101.2 | 1133.9 | 1124.1 |
| 60°    | 911.7  | 918.2  | 937.8  | 960.7  | 990.1  | 999.9  | 999.9  | 996.6  | 1013.0 | 1052.2 | 1052.2 |
| 62.5°  | 810.4  | 813.7  | 823.5  | 843.1  | 859.4  | 865.9  | 865.9  | 852.9  | 872.5  | 892.1  | 885.5  |
| 65°    | 732.0  | 728.7  | 748.3  | 764.6  | 774.4  | 784.2  | 774.4  | 761.4  | 771.2  | 784.2  | 781.0  |
| 67.5°  | 666.6  | 666.6  | 682.9  | 696.0  | 702.6  | 712.4  | 705.8  | 699.3  | 712.4  | 718.9  | 712.4  |
| 70°    | 604.5  | 607.8  | 620.9  | 630.7  | 637.2  | 647.0  | 637.2  | 633.9  | 647.0  | 653.5  | 650.3  |
| 72.5°  | 542.4  | 545.7  | 555.5  | 568.6  | 575.1  | 578.4  | 575.1  | 571.8  | 581.6  | 588.2  | 588.2  |
| 75°    | 486.9  | 490.2  | 496.7  | 509.8  | 509.8  | 516.3  | 513.0  | 509.8  | 519.6  | 526.1  | 526.1  |
| 77.5°  | 434.6  | 441.1  | 444.4  | 454.2  | 457.5  | 460.7  | 457.5  | 457.5  | 464.0  | 470.5  | 473.8  |
| 80°    | 388.9  | 392.1  | 395.4  | 405.2  | 405.2  | 408.5  | 405.2  | 405.2  | 411.7  | 421.5  | 421.5  |
| 82.5°  | 346.4  | 349.6  | 352.9  | 359.4  | 356.2  | 359.4  | 359.4  | 359.4  | 366.0  | 375.8  | 375.8  |
| 85°    | 303.9  | 310.4  | 310.4  | 317.0  | 317.0  | 317.0  | 317.0  | 320.2  | 323.5  | 333.3  | 333.3  |
| 87.5°  | 268.0  | 271.2  | 274.5  | 277.8  | 277.8  | 281.0  | 281.0  | 284.3  | 287.6  | 294.1  | 297.4  |
| 90°    | 232.0  | 235.3  | 238.5  | 238.5  | 238.5  | 241.8  | 241.8  | 245.1  | 248.3  | 254.9  | 258.1  |
| 92.5°  | 205.9  | 209.1  | 209.1  | 212.4  | 212.4  | 212.4  | 215.7  | 218.9  | 222.2  | 228.7  | 228.7  |
| 95°    | 183.0  | 186.3  | 186.3  | 186.3  | 186.3  | 189.5  | 189.5  | 192.8  | 196.1  | 202.6  | 202.6  |
| 97.5°  | 163.4  | 163.4  | 163.4  | 163.4  | 163.4  | 166.7  | 166.7  | 169.9  | 173.2  | 176.5  | 176.5  |
| 100°   | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 147.0  | 147.0  | 153.6  | 153.6  |
| 102.5° | 127.4  | 127.4  | 124.2  | 124.2  | 124.2  | 120.9  | 120.9  | 124.2  | 124.2  | 127.4  | 127.4  |
| 105°   | 114.4  | 114.4  | 114.4  | 114.4  | 111.1  | 111.1  | 111.1  | 111.1  | 111.1  | 114.4  | 114.4  |
| 107.5° | 111.1  | 111.1  | 107.8  | 107.8  | 107.8  | 104.6  | 104.6  | 104.6  | 104.6  | 107.8  | 107.8  |
| 110°   | 107.8  | 107.8  | 107.8  | 107.8  | 104.6  | 104.6  | 101.3  | 101.3  | 101.3  | 104.6  | 104.6  |



REPORT NUMBER: P691919

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 111.1 | 111.1 | 111.1 | 107.8 | 107.8 | 104.6 | 104.6 | 104.6 | 104.6 | 104.6 | 107.8 |
| 115°   | 117.6 | 114.4 | 114.4 | 114.4 | 114.4 | 111.1 | 107.8 | 107.8 | 111.1 | 111.1 | 111.1 |
| 117.5° | 127.4 | 124.2 | 124.2 | 127.4 | 124.2 | 120.9 | 117.6 | 117.6 | 120.9 | 120.9 | 124.2 |
| 120°   | 140.5 | 137.2 | 140.5 | 140.5 | 140.5 | 137.2 | 134.0 | 130.7 | 134.0 | 137.2 | 137.2 |
| 122.5° | 156.8 | 153.6 | 156.8 | 160.1 | 160.1 | 156.8 | 150.3 | 150.3 | 153.6 | 156.8 | 160.1 |
| 125°   | 176.5 | 176.5 | 179.7 | 183.0 | 186.3 | 179.7 | 176.5 | 173.2 | 179.7 | 183.0 | 183.0 |
| 127.5° | 199.3 | 196.1 | 202.6 | 212.4 | 215.7 | 209.1 | 202.6 | 199.3 | 205.9 | 212.4 | 212.4 |
| 130°   | 222.2 | 218.9 | 228.7 | 238.5 | 245.1 | 238.5 | 232.0 | 228.7 | 235.3 | 241.8 | 241.8 |
| 132.5° | 241.8 | 238.5 | 251.6 | 264.7 | 271.2 | 268.0 | 261.4 | 254.9 | 264.7 | 271.2 | 268.0 |
| 135°   | 258.1 | 258.1 | 274.5 | 287.6 | 294.1 | 290.8 | 284.3 | 277.8 | 290.8 | 297.4 | 290.8 |
| 137.5° | 268.0 | 268.0 | 287.6 | 300.6 | 307.2 | 307.2 | 303.9 | 297.4 | 310.4 | 313.7 | 303.9 |
| 140°   | 268.0 | 271.2 | 287.6 | 300.6 | 303.9 | 307.2 | 307.2 | 303.9 | 317.0 | 317.0 | 307.2 |
| 142.5° | 258.1 | 261.4 | 277.8 | 290.8 | 294.1 | 297.4 | 300.6 | 297.4 | 307.2 | 307.2 | 300.6 |
| 145°   | 241.8 | 245.1 | 261.4 | 274.5 | 274.5 | 277.8 | 284.3 | 281.0 | 287.6 | 290.8 | 284.3 |
| 147.5° | 218.9 | 222.2 | 235.3 | 241.8 | 245.1 | 251.6 | 258.1 | 258.1 | 261.4 | 264.7 | 261.4 |
| 150°   | 189.5 | 189.5 | 199.3 | 205.9 | 209.1 | 215.7 | 222.2 | 225.5 | 225.5 | 228.7 | 225.5 |
| 152.5° | 150.3 | 150.3 | 156.8 | 163.4 | 166.7 | 176.5 | 179.7 | 183.0 | 186.3 | 189.5 | 186.3 |
| 155°   | 114.4 | 114.4 | 117.6 | 120.9 | 124.2 | 134.0 | 137.2 | 140.5 | 143.8 | 147.0 | 143.8 |
| 157.5° | 81.7  | 81.7  | 85.0  | 88.2  | 91.5  | 98.0  | 101.3 | 104.6 | 104.6 | 107.8 | 107.8 |
| 160°   | 52.3  | 55.6  | 55.6  | 58.8  | 58.8  | 65.4  | 68.6  | 68.6  | 71.9  | 75.2  | 75.2  |
| 162.5° | 26.1  | 29.4  | 29.4  | 32.7  | 35.9  | 39.2  | 42.5  | 42.5  | 45.7  | 45.7  | 45.7  |
| 165°   | 6.5   | 9.8   | 9.8   | 13.1  | 13.1  | 16.3  | 19.6  | 19.6  | 22.9  | 22.9  | 22.9  |
| 167.5° | 0.0   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   | 3.3   | 6.5   | 6.5   | 6.5   | 6.5   |
| 170°   | 0.0   | 0.0   | 0.0   | 0.0   | 3.3   | 0.0   | 0.0   | 3.3   | 3.3   | 3.3   | 3.3   |
| 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: P691919

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

**CANDELA DISTRIBUTION (continued):**

|        | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 178°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 | 9652.8 |
| 2.5°   | 8747.6 | 8741.1 | 8920.8 | 9064.6 | 9234.5 | 9368.5 | 9499.2 | 9623.3 | 9672.4 | 9669.1 | 9672.4 |
| 5°     | 7594.1 | 7708.5 | 7943.8 | 8175.8 | 8450.2 | 8708.4 | 8950.2 | 9110.3 | 9211.6 | 9211.6 | 9221.4 |
| 7.5°   | 6437.3 | 6620.3 | 6911.2 | 7280.4 | 7692.1 | 8028.7 | 8437.2 | 8724.7 | 8953.5 | 8946.9 | 8989.4 |
| 10°    | 5198.9 | 5342.7 | 5633.5 | 6028.9 | 6483.1 | 6871.9 | 7228.1 | 7496.1 | 7718.3 | 7705.2 | 7760.8 |
| 12.5°  | 4270.9 | 4372.2 | 4623.8 | 4983.2 | 5398.2 | 5774.0 | 6123.6 | 6332.8 | 6489.6 | 6486.4 | 6515.8 |
| 15°    | 3725.2 | 3829.7 | 3993.1 | 4241.5 | 4584.6 | 4917.9 | 5267.5 | 5457.0 | 5545.3 | 5535.5 | 5584.5 |
| 17.5°  | 3503.0 | 3545.4 | 3646.7 | 3813.4 | 4061.7 | 4333.0 | 4610.7 | 4774.1 | 4875.4 | 4862.3 | 4898.3 |
| 20°    | 3264.4 | 3303.6 | 3372.3 | 3496.4 | 3672.9 | 3878.7 | 4114.0 | 4293.7 | 4368.9 | 4365.6 | 4388.5 |
| 22.5°  | 2989.9 | 3009.5 | 3084.7 | 3182.7 | 3310.2 | 3476.8 | 3656.5 | 3819.9 | 3895.1 | 3891.8 | 3914.7 |
| 25°    | 2800.4 | 2833.1 | 2878.8 | 2937.7 | 3025.9 | 3156.6 | 3306.9 | 3421.3 | 3489.9 | 3483.4 | 3512.8 |
| 27.5°  | 2045.6 | 2078.3 | 2101.1 | 2137.1 | 2140.3 | 2248.2 | 2300.5 | 2395.2 | 2457.3 | 2454.0 | 2473.6 |
| 30°    | 1797.2 | 1803.8 | 1823.4 | 1872.4 | 1901.8 | 1986.8 | 2091.3 | 2163.2 | 2215.5 | 2235.1 | 2248.2 |
| 32.5°  | 1640.4 | 1660.0 | 1682.9 | 1705.7 | 1741.7 | 1794.0 | 1875.7 | 1941.0 | 1996.6 | 2006.4 | 2029.2 |
| 35°    | 1460.7 | 1473.7 | 1490.1 | 1512.9 | 1535.8 | 1578.3 | 1640.4 | 1692.7 | 1735.1 | 1751.5 | 1764.6 |
| 37.5°  | 1333.2 | 1336.5 | 1352.8 | 1379.0 | 1398.6 | 1434.5 | 1490.1 | 1529.3 | 1571.8 | 1575.0 | 1588.1 |
| 40°    | 1248.3 | 1251.5 | 1267.9 | 1290.7 | 1313.6 | 1336.5 | 1385.5 | 1421.4 | 1450.9 | 1454.1 | 1463.9 |
| 42.5°  | 1150.2 | 1160.0 | 1166.6 | 1176.4 | 1192.7 | 1212.3 | 1254.8 | 1274.4 | 1294.0 | 1297.3 | 1310.3 |
| 45°    | 1016.3 | 1019.5 | 1026.1 | 1035.9 | 1055.5 | 1075.1 | 1104.5 | 1127.4 | 1140.4 | 1140.4 | 1137.2 |
| 47.5°  | 941.1  | 944.4  | 944.4  | 957.4  | 973.8  | 993.4  | 1019.5 | 1039.1 | 1045.7 | 1045.7 | 1045.7 |
| 50°    | 915.0  | 915.0  | 908.4  | 918.2  | 934.6  | 947.6  | 973.8  | 990.1  | 993.4  | 996.6  | 999.9  |
| 52.5°  | 934.6  | 928.0  | 908.4  | 918.2  | 934.6  | 947.6  | 973.8  | 980.3  | 980.3  | 986.8  | 990.1  |
| 55°    | 1042.4 | 1032.6 | 993.4  | 999.9  | 1019.5 | 1035.9 | 1055.5 | 1058.7 | 1065.3 | 1075.1 | 1071.8 |
| 57.5°  | 1111.0 | 1117.5 | 1071.8 | 1081.6 | 1117.5 | 1130.6 | 1153.5 | 1150.2 | 1163.3 | 1176.4 | 1179.6 |
| 60°    | 1045.7 | 1065.3 | 1029.3 | 1042.4 | 1084.9 | 1091.4 | 1114.3 | 1101.2 | 1120.8 | 1120.8 | 1120.8 |
| 62.5°  | 888.8  | 895.3  | 875.7  | 895.3  | 934.6  | 934.6  | 950.9  | 941.1  | 947.6  | 941.1  | 944.4  |
| 65°    | 777.7  | 774.4  | 751.6  | 777.7  | 790.8  | 797.3  | 810.4  | 813.7  | 813.7  | 807.1  | 807.1  |
| 67.5°  | 709.1  | 702.6  | 682.9  | 689.5  | 702.6  | 705.8  | 725.4  | 728.7  | 725.4  | 725.4  | 728.7  |
| 70°    | 647.0  | 637.2  | 617.6  | 620.9  | 630.7  | 633.9  | 650.3  | 656.8  | 653.5  | 650.3  | 653.5  |
| 72.5°  | 584.9  | 575.1  | 555.5  | 555.5  | 565.3  | 571.8  | 584.9  | 591.5  | 584.9  | 584.9  | 588.2  |
| 75°    | 526.1  | 516.3  | 496.7  | 496.7  | 503.2  | 506.5  | 522.8  | 526.1  | 522.8  | 519.6  | 522.8  |
| 77.5°  | 473.8  | 467.3  | 447.7  | 447.7  | 450.9  | 454.2  | 464.0  | 467.3  | 464.0  | 460.7  | 464.0  |
| 80°    | 424.8  | 415.0  | 401.9  | 398.7  | 401.9  | 401.9  | 411.7  | 415.0  | 408.5  | 408.5  | 411.7  |
| 82.5°  | 379.1  | 369.2  | 356.2  | 356.2  | 352.9  | 356.2  | 362.7  | 366.0  | 362.7  | 359.4  | 362.7  |
| 85°    | 336.6  | 330.0  | 317.0  | 313.7  | 313.7  | 313.7  | 320.2  | 320.2  | 317.0  | 317.0  | 317.0  |
| 87.5°  | 297.4  | 290.8  | 277.8  | 277.8  | 274.5  | 277.8  | 281.0  | 281.0  | 277.8  | 277.8  | 277.8  |
| 90°    | 258.1  | 251.6  | 241.8  | 241.8  | 238.5  | 241.8  | 245.1  | 245.1  | 241.8  | 241.8  | 241.8  |
| 92.5°  | 228.7  | 225.5  | 215.7  | 215.7  | 212.4  | 215.7  | 215.7  | 215.7  | 212.4  | 212.4  | 212.4  |
| 95°    | 202.6  | 199.3  | 192.8  | 189.5  | 189.5  | 189.5  | 189.5  | 189.5  | 186.3  | 186.3  | 186.3  |
| 97.5°  | 176.5  | 173.2  | 166.7  | 166.7  | 163.4  | 166.7  | 166.7  | 166.7  | 163.4  | 163.4  | 163.4  |
| 100°   | 153.6  | 150.3  | 147.0  | 147.0  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  |
| 102.5° | 127.4  | 127.4  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  | 124.2  |
| 105°   | 114.4  | 114.4  | 114.4  | 114.4  | 117.6  | 117.6  | 117.6  | 114.4  | 114.4  | 114.4  | 114.4  |
| 107.5° | 107.8  | 107.8  | 107.8  | 111.1  | 111.1  | 111.1  | 114.4  | 107.8  | 104.6  | 104.6  | 104.6  |
| 110°   | 104.6  | 104.6  | 107.8  | 107.8  | 111.1  | 111.1  | 114.4  | 101.3  | 98.0   | 98.0   | 98.0   |



REPORT NUMBER: P691919

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7050-RMARROA5

**CANDELA DISTRIBUTION (continued):**

|        | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 178°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 107.8 | 107.8 | 107.8 | 111.1 | 114.4 | 114.4 | 117.6 | 101.3 | 98.0  | 98.0  | 98.0  |
| 115°   | 114.4 | 114.4 | 114.4 | 117.6 | 120.9 | 124.2 | 124.2 | 107.8 | 101.3 | 101.3 | 104.6 |
| 117.5° | 124.2 | 124.2 | 124.2 | 127.4 | 134.0 | 134.0 | 134.0 | 114.4 | 111.1 | 111.1 | 111.1 |
| 120°   | 137.2 | 140.5 | 140.5 | 143.8 | 150.3 | 153.6 | 147.0 | 130.7 | 111.1 | 120.9 | 120.9 |
| 122.5° | 156.8 | 160.1 | 163.4 | 166.7 | 176.5 | 176.5 | 166.7 | 150.3 | 120.9 | 134.0 | 137.2 |
| 125°   | 183.0 | 186.3 | 189.5 | 196.1 | 205.9 | 205.9 | 192.8 | 169.9 | 137.2 | 150.3 | 153.6 |
| 127.5° | 209.1 | 215.7 | 218.9 | 228.7 | 241.8 | 241.8 | 225.5 | 196.1 | 153.6 | 163.4 | 166.7 |
| 130°   | 238.5 | 245.1 | 251.6 | 264.7 | 281.0 | 274.5 | 261.4 | 222.2 | 166.7 | 173.2 | 173.2 |
| 132.5° | 264.7 | 274.5 | 277.8 | 297.4 | 313.7 | 307.2 | 290.8 | 238.5 | 173.2 | 173.2 | 169.9 |
| 135°   | 284.3 | 290.8 | 294.1 | 313.7 | 330.0 | 320.2 | 300.6 | 245.1 | 169.9 | 163.4 | 163.4 |
| 137.5° | 297.4 | 303.9 | 307.2 | 320.2 | 333.3 | 317.0 | 290.8 | 232.0 | 163.4 | 160.1 | 156.8 |
| 140°   | 303.9 | 303.9 | 303.9 | 313.7 | 320.2 | 300.6 | 268.0 | 209.1 | 147.0 | 153.6 | 153.6 |
| 142.5° | 297.4 | 294.1 | 290.8 | 297.4 | 300.6 | 277.8 | 248.3 | 186.3 | 134.0 | 140.5 | 140.5 |
| 145°   | 281.0 | 274.5 | 271.2 | 274.5 | 274.5 | 248.3 | 215.7 | 160.1 | 117.6 | 120.9 | 120.9 |
| 147.5° | 258.1 | 248.3 | 241.8 | 241.8 | 238.5 | 212.4 | 183.0 | 134.0 | 101.3 | 98.0  | 98.0  |
| 150°   | 222.2 | 212.4 | 205.9 | 205.9 | 196.1 | 173.2 | 147.0 | 104.6 | 81.7  | 81.7  | 81.7  |
| 152.5° | 183.0 | 173.2 | 166.7 | 166.7 | 156.8 | 134.0 | 111.1 | 78.4  | 62.1  | 62.1  | 62.1  |
| 155°   | 143.8 | 134.0 | 127.4 | 124.2 | 117.6 | 101.3 | 81.7  | 58.8  | 45.7  | 45.7  | 45.7  |
| 157.5° | 107.8 | 101.3 | 94.8  | 91.5  | 85.0  | 75.2  | 58.8  | 42.5  | 29.4  | 32.7  | 32.7  |
| 160°   | 75.2  | 68.6  | 65.4  | 62.1  | 58.8  | 49.0  | 39.2  | 26.1  | 16.3  | 16.3  | 16.3  |
| 162.5° | 45.7  | 42.5  | 42.5  | 39.2  | 35.9  | 32.7  | 22.9  | 13.1  | 6.5   | 6.5   | 6.5   |
| 165°   | 22.9  | 22.9  | 19.6  | 19.6  | 16.3  | 13.1  | 9.8   | 3.3   | 0.0   | 0.0   | 0.0   |
| 167.5° | 6.5   | 6.5   | 6.5   | 3.3   | 3.3   | 3.3   | 3.3   | 0.0   | 0.0   | 0.0   | 0.0   |
| 170°   | 3.3   | 3.3   | 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)