

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: P691047

Luminaire Tested: **CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

### Test Information

Test Method: LM-79-08  
Report Number: P691047  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 3000K LED WITH TYPE III OPTIC AND SR REFRACTOR WITH HOUSE  
SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 2994.9 lumens  
Efficiency: N/A  
Efficacy: 129.1 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U2 - G1

Input Watts (W): 23.2  
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

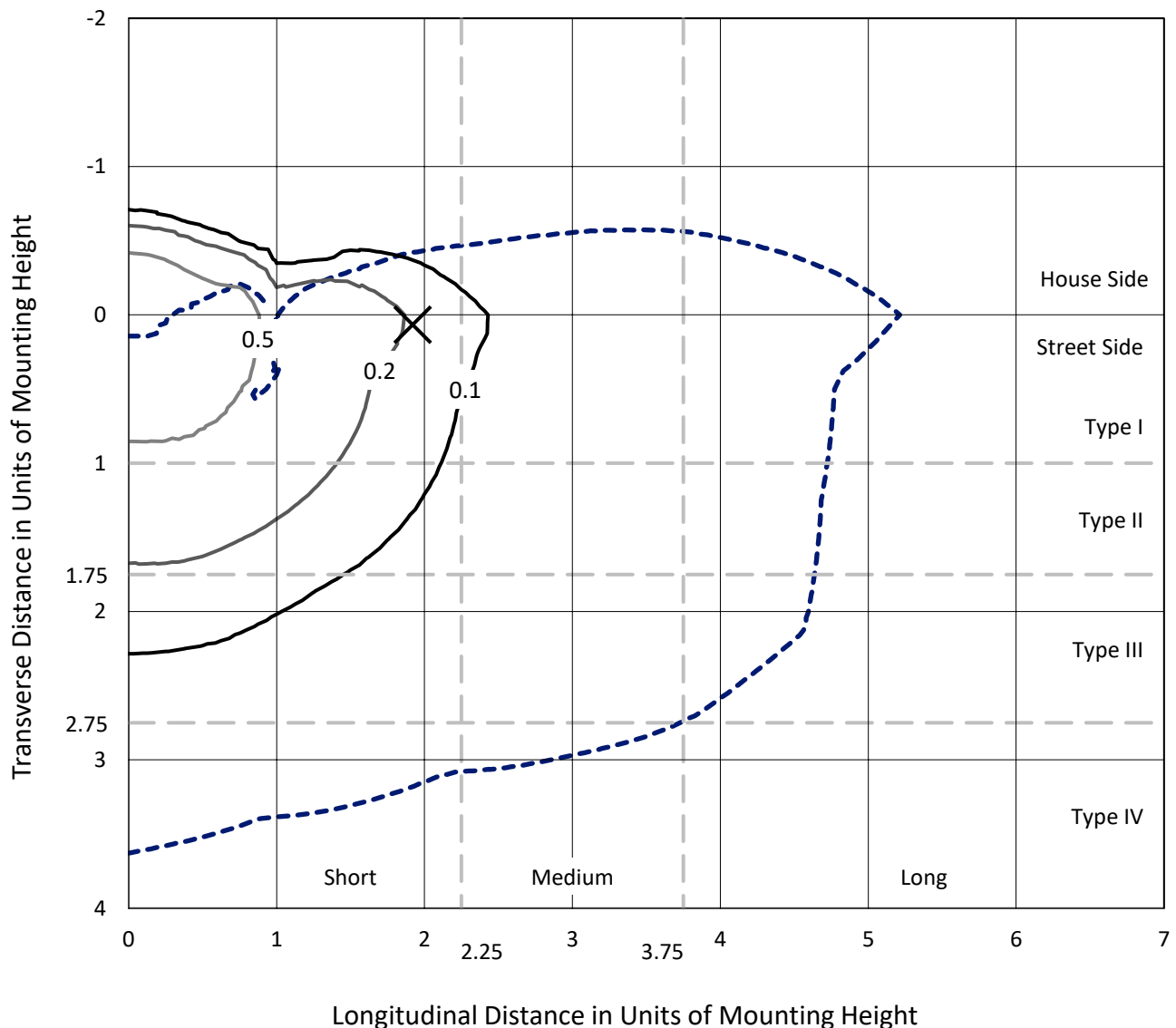


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

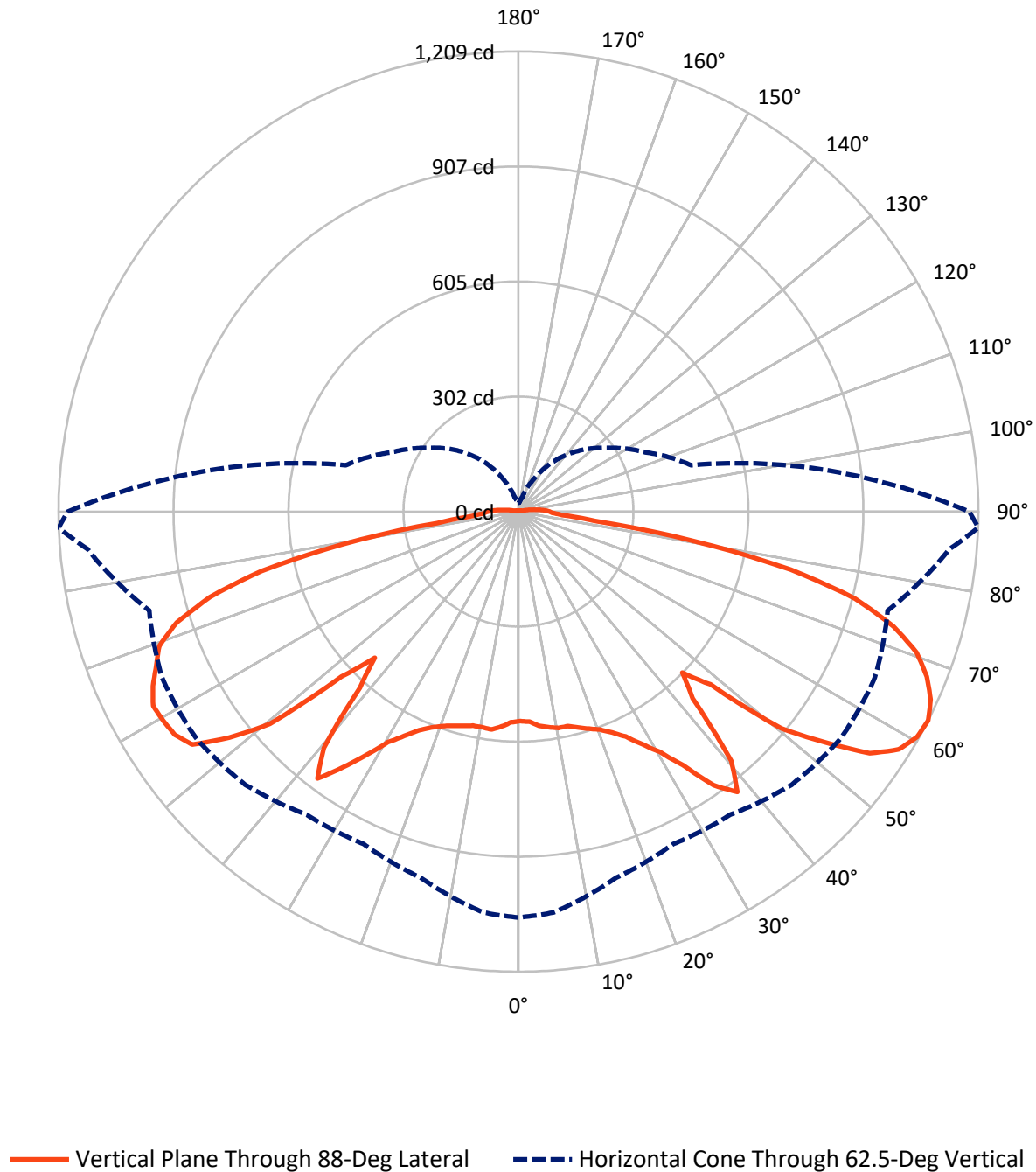


Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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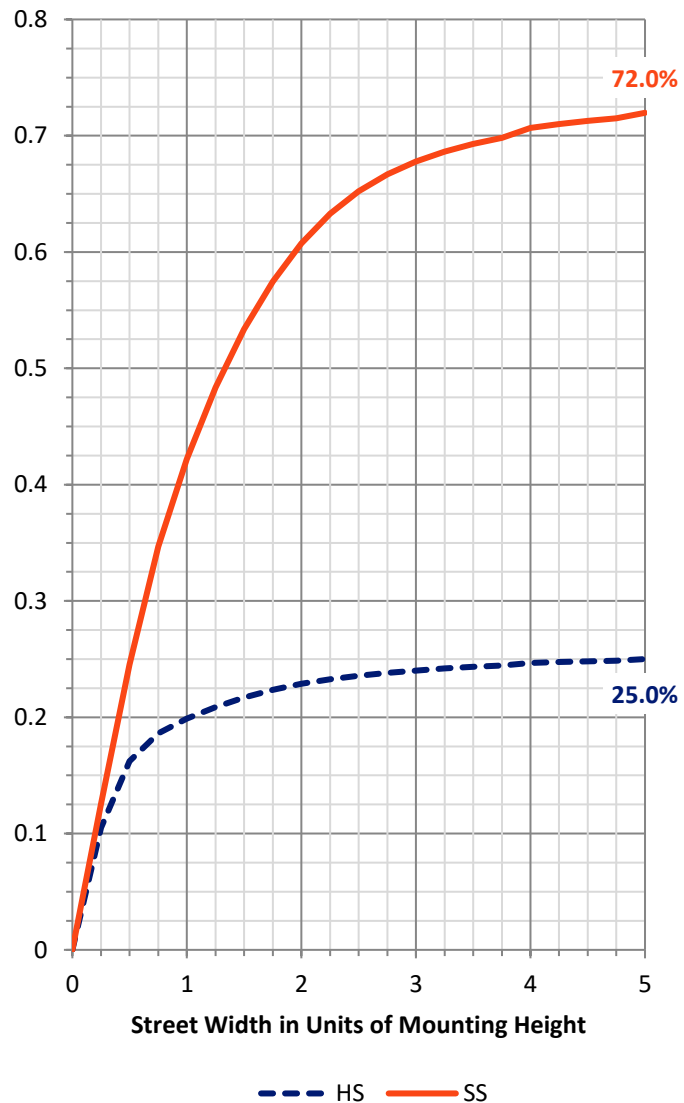
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 761.9    | 14.3   | 776.3  |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 2183.3   | 35.4   | 2218.7 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 2945.2   | 49.7   | 2994.9 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.3   | 1.8       |
| 10°-20°   | 165.7  | 5.5       |
| 20°-30°   | 280.7  | 9.4       |
| 30°-40°   | 387.5  | 12.9      |
| 40°-50°   | 335.1  | 11.2      |
| 50°-60°   | 485.2  | 16.2      |
| 60°-70°   | 635.1  | 21.2      |
| 70°-80°   | 481.5  | 16.1      |
| 80°-90°   | 120.1  | 4.0       |
| 90°-100°  | 35.3   | 1.2       |
| 100°-110° | 8.2    | 0.3       |
| 110°-120° | 3.6    | 0.1       |
| 120°-130° | 2.3    | 0.1       |
| 130°-140° | 0.2    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2945.2 | 98.3      |
| 0°-180°   | 2994.9 | 100.0     |

**Coefficient of Utilization**



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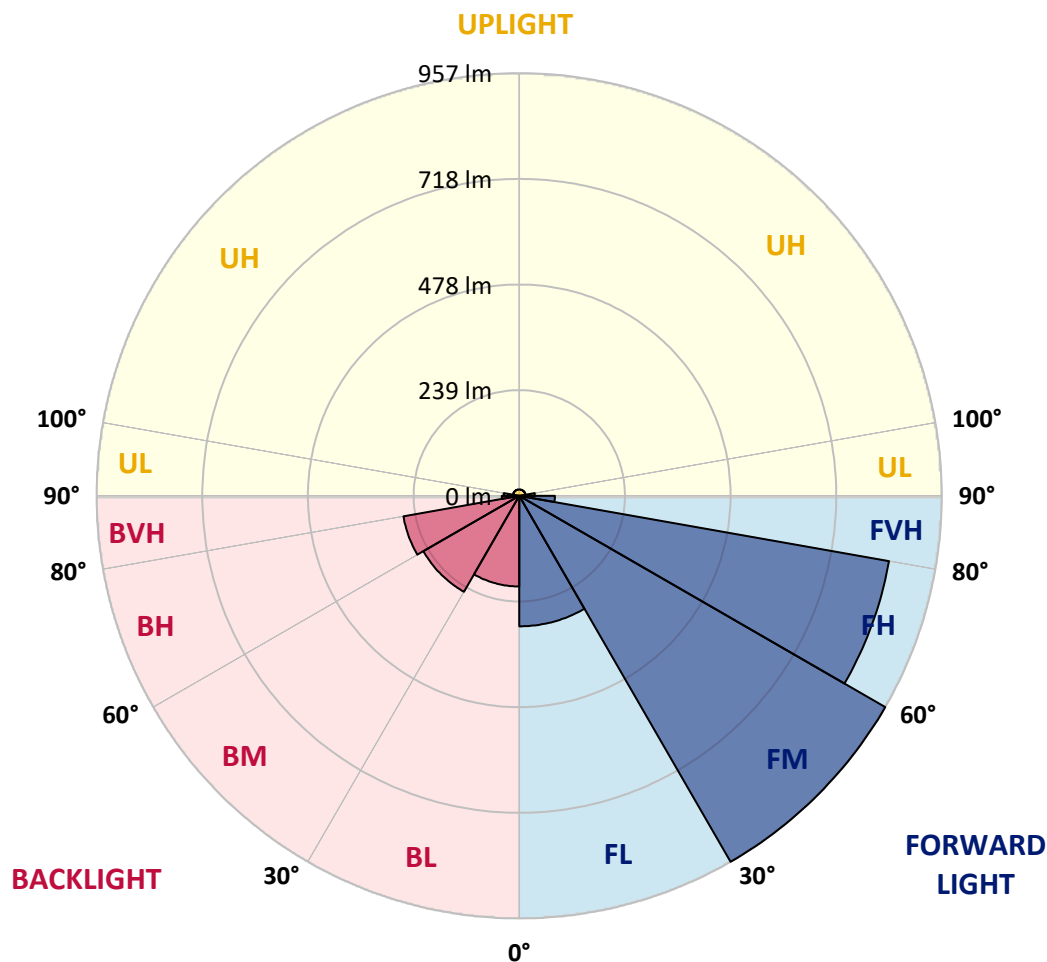
CATALOG NUMBER: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 295.5  | 9.9       |                         |       |         |
| FM   | (30°-60°)   | 956.9  | 32.0      |                         |       |         |
| FH   | (60°-80°)   | 850.2  | 28.4      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 80.7   | 2.7       |                         |       | G1/100  |
| BL   | (0°-30°)    | 205.2  | 6.9       | B1/500                  |       |         |
| BM   | (30°-60°)   | 250.9  | 8.4       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 266.4  | 8.9       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 39.4   | 1.3       |                         |       | G1/100  |
| UL   | (90°-100°)  | 35.3   | 1.2       |                         | U2/50 |         |
| UH   | (100°-180°) | 14.4   | 0.5       |                         | U2/50 |         |

**BUG Rating: B1-U2-G1**

Type IV Short



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CATALOG NUMBER: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°   | 35°   | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 550.8  | 550.8  | 550.8  | 550.8 | 550.8 | 550.8  | 550.8  | 550.8  | 550.8  | 550.8  | 550.8  |
| 2.5°   | 545.0  | 545.0  | 543.9  | 545.0 | 547.3 | 549.6  | 547.3  | 548.5  | 549.6  | 551.9  | 553.1  |
| 5°     | 565.7  | 564.5  | 562.2  | 559.9 | 557.7 | 557.7  | 555.4  | 554.2  | 556.5  | 563.4  | 565.7  |
| 7.5°   | 582.9  | 579.5  | 577.2  | 578.3 | 574.9 | 569.1  | 564.5  | 562.2  | 559.9  | 569.1  | 572.6  |
| 10°    | 610.4  | 608.1  | 600.1  | 593.2 | 588.6 | 579.5  | 569.1  | 568.0  | 566.8  | 576.0  | 578.3  |
| 12.5°  | 638.0  | 635.7  | 631.1  | 624.2 | 609.3 | 601.3  | 585.2  | 578.3  | 577.2  | 582.9  | 578.3  |
| 15°    | 678.1  | 673.5  | 660.9  | 654.0 | 639.1 | 626.5  | 607.0  | 596.7  | 599.0  | 590.9  | 588.6  |
| 17.5°  | 701.1  | 698.8  | 697.6  | 687.3 | 675.8 | 654.0  | 635.7  | 620.8  | 625.4  | 607.0  | 600.1  |
| 20°    | 726.3  | 725.2  | 727.5  | 728.6 | 713.7 | 694.2  | 671.2  | 648.3  | 649.4  | 625.4  | 611.6  |
| 22.5°  | 758.5  | 755.0  | 759.6  | 765.3 | 752.7 | 736.7  | 706.8  | 688.5  | 679.3  | 647.2  | 631.1  |
| 25°    | 796.3  | 795.2  | 795.2  | 805.5 | 803.2 | 781.4  | 752.7  | 732.1  | 722.9  | 679.3  | 655.2  |
| 27.5°  | 835.3  | 836.5  | 838.8  | 845.7 | 849.1 | 836.5  | 808.9  | 790.6  | 773.4  | 716.0  | 691.9  |
| 30°    | 860.6  | 860.6  | 876.6  | 887.0 | 891.6 | 891.6  | 858.3  | 844.5  | 827.3  | 763.0  | 733.2  |
| 32.5°  | 891.6  | 893.9  | 908.8  | 926.0 | 932.9 | 942.0  | 914.5  | 904.2  | 889.3  | 821.6  | 794.0  |
| 35°    | 913.4  | 916.8  | 939.7  | 966.1 | 984.5 | 989.1  | 973.0  | 977.6  | 970.7  | 898.4  | 883.5  |
| 37.5°  | 818.1  | 827.3  | 861.7  | 913.4 | 962.7 | 1010.9 | 1028.1 | 1051.1 | 1054.5 | 970.7  | 935.2  |
| 40°    | 712.6  | 716.0  | 755.0  | 792.9 | 853.7 | 892.7  | 936.3  | 986.8  | 959.3  | 868.6  | 861.7  |
| 42.5°  | 632.2  | 647.2  | 701.1  | 729.8 | 776.8 | 786.0  | 764.2  | 732.1  | 682.7  | 674.7  | 671.2  |
| 45°    | 618.5  | 633.4  | 687.3  | 734.4 | 757.3 | 644.9  | 584.0  | 541.6  | 561.1  | 609.3  | 603.6  |
| 47.5°  | 682.7  | 701.1  | 757.3  | 811.2 | 764.2 | 639.1  | 599.0  | 597.8  | 581.7  | 664.4  | 679.3  |
| 50°    | 721.7  | 736.7  | 802.1  | 800.9 | 763.0 | 702.2  | 724.0  | 699.9  | 671.2  | 812.4  | 896.1  |
| 52.5°  | 741.2  | 755.0  | 778.0  | 806.6 | 810.1 | 805.5  | 811.2  | 791.7  | 748.1  | 943.2  | 1006.3 |
| 55°    | 687.3  | 721.7  | 821.6  | 870.9 | 891.6 | 878.9  | 882.4  | 868.6  | 839.9  | 1024.7 | 1121.0 |
| 57.5°  | 860.6  | 878.9  | 915.7  | 928.3 | 940.9 | 935.2  | 939.7  | 935.2  | 908.8  | 1085.5 | 1179.6 |
| 60°    | 960.4  | 960.4  | 976.5  | 955.8 | 962.7 | 982.2  | 996.0  | 996.0  | 968.4  | 1130.2 | 1203.7 |
| 62.5°  | 1067.1 | 1057.9 | 996.0  | 963.8 | 971.9 | 1015.5 | 1036.1 | 1033.8 | 1005.2 | 1137.1 | 1209.4 |
| 65°    | 1046.5 | 1030.4 | 1008.6 | 938.6 | 947.8 | 1008.6 | 1037.3 | 1036.1 | 1006.3 | 1111.9 | 1191.0 |
| 67.5°  | 892.7  | 907.6  | 934.0  | 928.3 | 905.3 | 975.3  | 1020.1 | 1022.4 | 987.9  | 1069.4 | 1157.8 |
| 70°    | 773.4  | 782.6  | 798.6  | 846.8 | 857.1 | 929.4  | 1000.6 | 1010.9 | 965.0  | 1020.1 | 1110.7 |
| 72.5°  | 673.5  | 679.3  | 666.7  | 716.0 | 752.7 | 848.0  | 931.7  | 951.2  | 904.2  | 935.2  | 1031.5 |
| 75°    | 576.0  | 563.4  | 548.5  | 570.3 | 599.0 | 699.9  | 802.1  | 841.1  | 799.8  | 819.3  | 914.5  |
| 77.5°  | 447.5  | 429.1  | 414.2  | 420.0 | 446.4 | 533.6  | 632.2  | 694.2  | 657.5  | 656.3  | 732.1  |
| 80°    | 305.2  | 289.2  | 278.8  | 276.5 | 296.0 | 350.0  | 421.1  | 494.5  | 462.4  | 431.4  | 464.7  |
| 82.5°  | 190.5  | 190.5  | 181.3  | 167.5 | 166.4 | 176.7  | 190.5  | 208.8  | 197.4  | 192.8  | 203.1  |
| 85°    | 119.3  | 120.5  | 115.9  | 101.0 | 97.5  | 99.8   | 106.7  | 111.3  | 107.9  | 111.3  | 114.7  |
| 87.5°  | 83.8   | 82.6   | 76.9   | 74.6  | 73.4  | 76.9   | 82.6   | 84.9   | 84.9   | 88.4   | 88.4   |
| 90°    | 63.1   | 63.1   | 59.7   | 58.5  | 58.5  | 62.0   | 67.7   | 72.3   | 75.7   | 81.5   | 81.5   |
| 92.5°  | 52.8   | 52.8   | 50.5   | 49.3  | 49.3  | 50.5   | 55.1   | 60.8   | 64.3   | 70.0   | 67.7   |
| 95°    | 43.6   | 43.6   | 42.5   | 42.5  | 42.5  | 43.6   | 45.9   | 49.3   | 50.5   | 50.5   | 50.5   |
| 97.5°  | 34.4   | 33.3   | 32.1   | 32.1  | 32.1  | 33.3   | 34.4   | 37.9   | 39.0   | 35.6   | 35.6   |
| 100°   | 24.1   | 22.9   | 21.8   | 22.9  | 22.9  | 22.9   | 24.1   | 25.2   | 25.2   | 22.9   | 21.8   |
| 102.5° | 14.9   | 14.9   | 14.9   | 14.9  | 13.8  | 13.8   | 13.8   | 13.8   | 12.6   | 11.5   | 11.5   |
| 105°   | 10.3   | 10.3   | 9.2    | 9.2   | 9.2   | 9.2    | 8.0    | 8.0    | 8.0    | 6.9    | 6.9    |
| 107.5° | 8.0    | 8.0    | 8.0    | 8.0   | 8.0   | 6.9    | 6.9    | 6.9    | 6.9    | 5.7    | 5.7    |
| 110°   | 6.9    | 6.9    | 6.9    | 6.9   | 6.9   | 6.9    | 6.9    | 5.7    | 5.7    | 4.6    | 4.6    |



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CATALOG NUMBER: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 88° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 5.7 | 5.7 | 5.7 | 5.7 | 4.6 | 4.6 |
| 115°   | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 4.6 | 4.6 |
| 117.5° | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 4.6 | 4.6 | 4.6 | 5.7 | 4.6 |
| 120°   | 5.7 | 5.7 | 5.7 | 5.7 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 122.5° | 5.7 | 5.7 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 125°   | 4.6 | 4.6 | 4.6 | 4.6 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 127.5° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 130°   | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 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 | 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 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 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 | 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 |





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CATALOG NUMBER: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 550.8  | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 | 550.8 |
| 2.5°   | 553.1  | 555.4 | 559.9 | 565.7 | 570.3 | 573.7 | 576.0 | 578.3 | 578.3 | 576.0 | 578.3 |
| 5°     | 565.7  | 568.0 | 576.0 | 581.7 | 581.7 | 578.3 | 576.0 | 574.9 | 577.2 | 578.3 | 580.6 |
| 7.5°   | 576.0  | 578.3 | 574.9 | 577.2 | 579.5 | 576.0 | 571.4 | 568.0 | 564.5 | 561.1 | 563.4 |
| 10°    | 577.2  | 571.4 | 571.4 | 569.1 | 561.1 | 562.2 | 561.1 | 555.4 | 550.8 | 551.9 | 553.1 |
| 12.5°  | 576.0  | 573.7 | 564.5 | 559.9 | 556.5 | 545.0 | 540.4 | 543.9 | 537.0 | 540.4 | 535.9 |
| 15°    | 586.3  | 574.9 | 565.7 | 554.2 | 541.6 | 535.9 | 527.8 | 516.3 | 511.8 | 512.9 | 514.1 |
| 17.5°  | 593.2  | 581.7 | 559.9 | 539.3 | 532.4 | 514.1 | 504.9 | 499.1 | 491.1 | 492.2 | 496.8 |
| 20°    | 604.7  | 587.5 | 556.5 | 534.7 | 501.4 | 488.8 | 477.3 | 470.4 | 463.6 | 453.2 | 448.6 |
| 22.5°  | 620.8  | 599.0 | 551.9 | 511.8 | 483.1 | 461.3 | 436.0 | 418.8 | 409.6 | 402.7 | 401.6 |
| 25°    | 641.4  | 616.2 | 553.1 | 501.4 | 455.5 | 423.4 | 401.6 | 371.8 | 350.0 | 347.7 | 351.1 |
| 27.5°  | 679.3  | 635.7 | 559.9 | 485.4 | 432.6 | 383.2 | 343.1 | 322.4 | 297.2 | 291.4 | 291.4 |
| 30°    | 716.0  | 666.7 | 555.4 | 471.6 | 393.6 | 338.5 | 284.6 | 245.6 | 231.8 | 221.5 | 220.3 |
| 32.5°  | 783.7  | 710.3 | 579.5 | 450.9 | 358.0 | 271.9 | 212.3 | 169.8 | 160.6 | 157.2 | 156.1 |
| 35°    | 845.7  | 769.9 | 581.7 | 424.6 | 305.2 | 211.1 | 152.6 | 123.9 | 118.2 | 114.7 | 113.6 |
| 37.5°  | 912.2  | 827.3 | 604.7 | 402.7 | 253.6 | 149.2 | 110.2 | 88.4  | 81.5  | 76.9  | 74.6  |
| 40°    | 835.3  | 758.5 | 594.4 | 366.0 | 188.2 | 95.2  | 68.8  | 48.2  | 41.3  | 41.3  | 41.3  |
| 42.5°  | 654.0  | 576.0 | 449.8 | 296.0 | 110.2 | 55.1  | 34.4  | 33.3  | 34.4  | 35.6  | 35.6  |
| 45°    | 579.5  | 477.3 | 275.4 | 157.2 | 45.9  | 31.0  | 27.5  | 26.4  | 29.8  | 33.3  | 34.4  |
| 47.5°  | 681.6  | 568.0 | 212.3 | 110.2 | 49.3  | 31.0  | 25.2  | 25.2  | 24.1  | 21.8  | 21.8  |
| 50°    | 921.4  | 766.5 | 243.3 | 126.2 | 62.0  | 34.4  | 25.2  | 21.8  | 21.8  | 22.9  | 24.1  |
| 52.5°  | 1039.6 | 853.7 | 286.9 | 164.1 | 90.6  | 47.0  | 27.5  | 21.8  | 19.5  | 16.1  | 16.1  |
| 55°    | 1141.7 | 922.5 | 339.6 | 212.3 | 133.1 | 73.4  | 39.0  | 22.9  | 19.5  | 16.1  | 14.9  |
| 57.5°  | 1175.0 | 930.6 | 395.9 | 267.4 | 181.3 | 114.7 | 67.7  | 32.1  | 20.7  | 17.2  | 16.1  |
| 60°    | 1179.6 | 939.7 | 438.3 | 325.9 | 236.4 | 167.5 | 111.3 | 58.5  | 26.4  | 20.7  | 19.5  |
| 62.5°  | 1185.3 | 942.0 | 470.4 | 368.3 | 291.4 | 227.2 | 160.6 | 92.9  | 40.2  | 24.1  | 22.9  |
| 65°    | 1164.6 | 914.5 | 462.4 | 359.1 | 307.5 | 251.3 | 184.7 | 109.0 | 45.9  | 27.5  | 26.4  |
| 67.5°  | 1130.2 | 890.4 | 429.1 | 330.5 | 277.7 | 219.2 | 158.3 | 88.4  | 42.5  | 32.1  | 31.0  |
| 70°    | 1102.7 | 866.3 | 411.9 | 328.2 | 257.0 | 191.6 | 127.4 | 64.3  | 50.5  | 43.6  | 41.3  |
| 72.5°  | 1035.0 | 808.9 | 398.2 | 327.0 | 257.0 | 187.0 | 123.9 | 68.8  | 68.8  | 70.0  | 65.4  |
| 75°    | 921.4  | 722.9 | 377.5 | 317.8 | 251.3 | 185.9 | 119.3 | 74.6  | 74.6  | 66.6  | 63.1  |
| 77.5°  | 760.7  | 592.1 | 333.9 | 290.3 | 228.3 | 164.1 | 97.5  | 62.0  | 59.7  | 51.6  | 49.3  |
| 80°    | 503.7  | 424.6 | 266.2 | 239.8 | 188.2 | 132.0 | 72.3  | 48.2  | 44.7  | 37.9  | 35.6  |
| 82.5°  | 226.0  | 203.1 | 168.7 | 169.8 | 135.4 | 94.1  | 49.3  | 33.3  | 31.0  | 25.2  | 24.1  |
| 85°    | 123.9  | 117.0 | 91.8  | 80.3  | 68.8  | 49.3  | 28.7  | 21.8  | 18.4  | 13.8  | 13.8  |
| 87.5°  | 94.1   | 90.6  | 67.7  | 52.8  | 40.2  | 28.7  | 18.4  | 13.8  | 10.3  | 6.9   | 5.7   |
| 90°    | 86.1   | 81.5  | 55.1  | 42.5  | 32.1  | 22.9  | 14.9  | 9.2   | 6.9   | 4.6   | 3.4   |
| 92.5°  | 72.3   | 68.8  | 44.7  | 35.6  | 27.5  | 20.7  | 12.6  | 6.9   | 4.6   | 2.3   | 2.3   |
| 95°    | 52.8   | 51.6  | 33.3  | 27.5  | 21.8  | 17.2  | 10.3  | 5.7   | 3.4   | 2.3   | 1.1   |
| 97.5°  | 35.6   | 34.4  | 24.1  | 20.7  | 17.2  | 12.6  | 8.0   | 4.6   | 2.3   | 1.1   | 1.1   |
| 100°   | 21.8   | 21.8  | 14.9  | 13.8  | 11.5  | 9.2   | 5.7   | 3.4   | 2.3   | 1.1   | 1.1   |
| 102.5° | 11.5   | 10.3  | 8.0   | 8.0   | 6.9   | 5.7   | 4.6   | 2.3   | 1.1   | 0.0   | 0.0   |
| 105°   | 6.9    | 5.7   | 5.7   | 4.6   | 4.6   | 3.4   | 3.4   | 2.3   | 1.1   | 0.0   | 0.0   |
| 107.5° | 5.7    | 4.6   | 4.6   | 3.4   | 3.4   | 2.3   | 2.3   | 1.1   | 1.1   | 0.0   | 0.0   |
| 110°   | 4.6    | 4.6   | 3.4   | 3.4   | 2.3   | 2.3   | 2.3   | 1.1   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P691047

CATALOG NUMBER: CRTK2-C013-5TLD-U-T3-7030-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 4.6 | 3.4 | 3.4  | 2.3  | 2.3  | 2.3  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 115°   | 4.6 | 3.4 | 2.3  | 2.3  | 2.3  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 117.5° | 4.6 | 3.4 | 2.3  | 2.3  | 2.3  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 120°   | 4.6 | 3.4 | 2.3  | 2.3  | 1.1  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 122.5° | 4.6 | 3.4 | 2.3  | 2.3  | 1.1  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 125°   | 3.4 | 2.3 | 2.3  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 127.5° | 3.4 | 2.3 | 2.3  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.3 | 2.3 | 2.3  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 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  | 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  | 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  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0  | 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  | 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)