

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: P691023

Luminaire Tested: **CRTK2-C013-5TLD-U-T2-7040-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

#### Test Information

Test Method: LM-79-08  
Report Number: P691023  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C013-5TLD-U-T2-7040-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K LED WITH TYPE II OPTIC AND SR REFRACTOR WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

#### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 2977 lumens  
Efficiency: N/A  
Efficacy: 128.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type III - 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

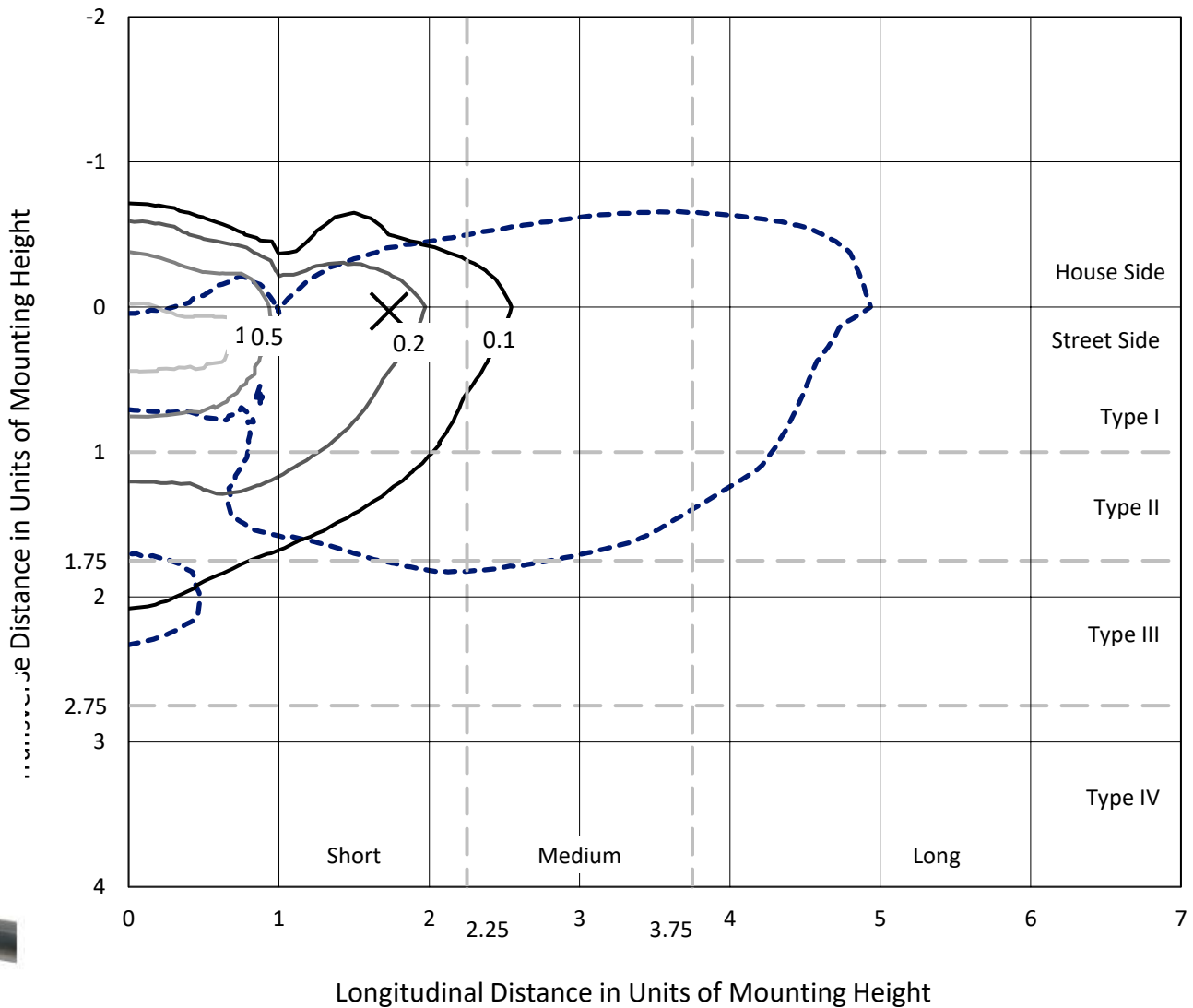


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 --- 1/2 Max cd

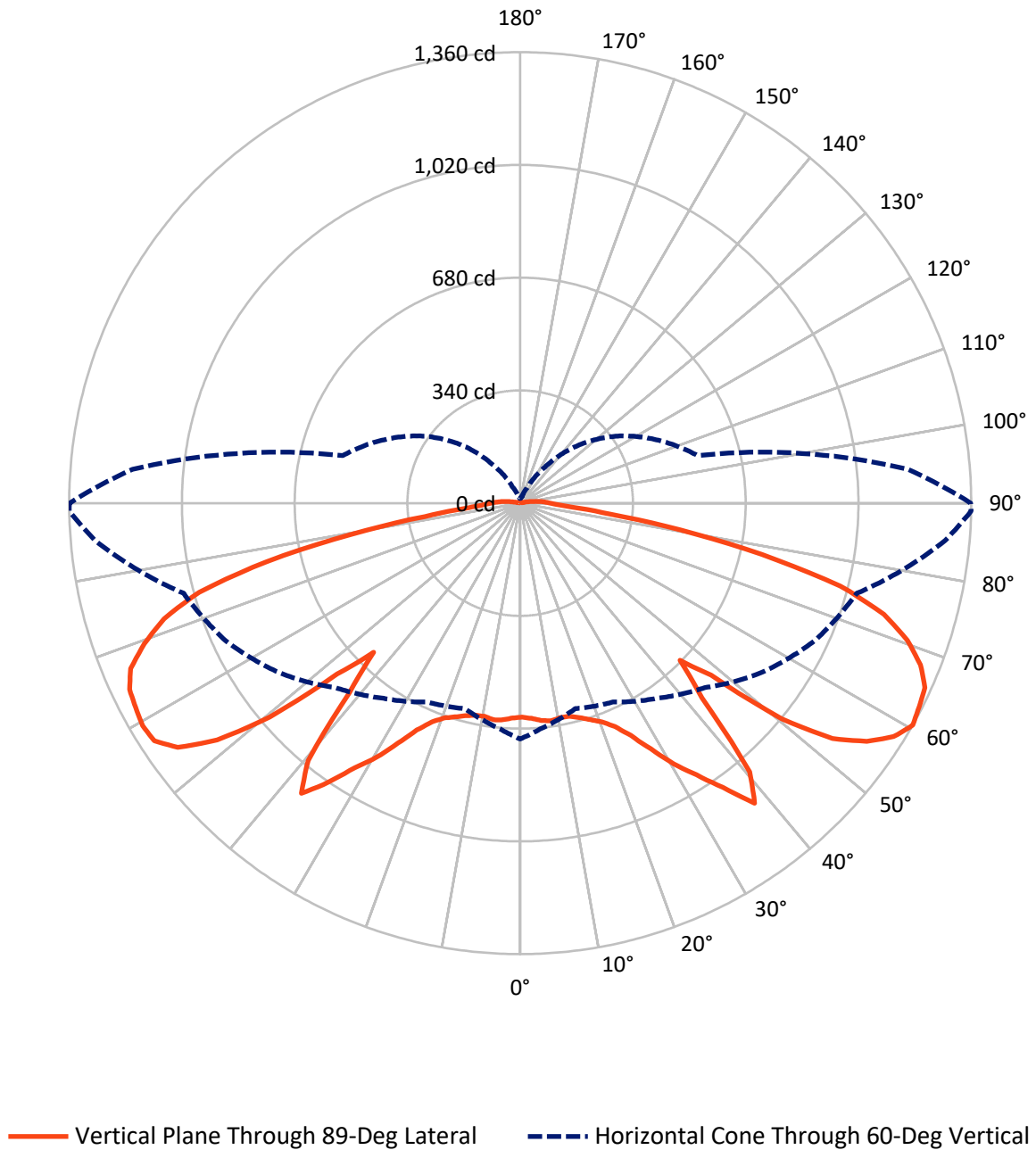


Based on 25 foot mounting height. Maximum calculated value = 1.2 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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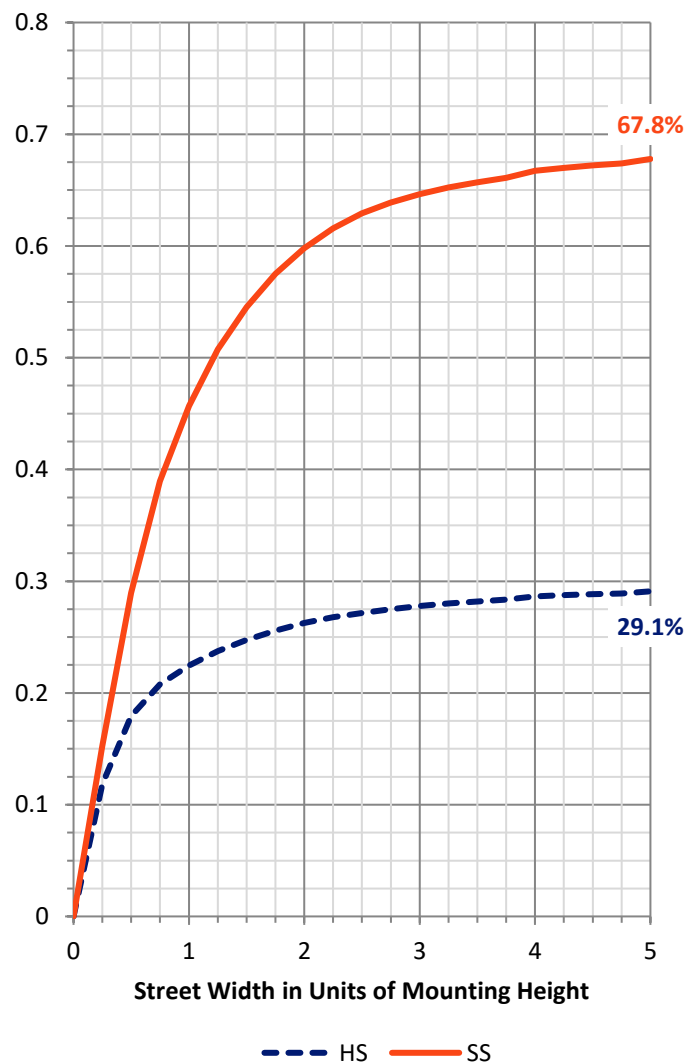
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 883.8    | 16.6   | 900.4  |
|                    | % Fixture | 29.7     | 0.6    | 30.2   |
| <b>Street Side</b> | Lumens    | 2044.7   | 32.0   | 2076.6 |
|                    | % Fixture | 68.7     | 1.1    | 69.8   |
| <b>Total</b>       | Lumens    | 2928.4   | 48.6   | 2977.0 |
|                    | % Fixture | 98.4     | 1.6    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.0   | 2.1       |
| 10°-20°   | 183.1  | 6.2       |
| 20°-30°   | 302.2  | 10.2      |
| 30°-40°   | 410.0  | 13.8      |
| 40°-50°   | 341.5  | 11.5      |
| 50°-60°   | 472.9  | 15.9      |
| 60°-70°   | 582.9  | 19.6      |
| 70°-80°   | 441.4  | 14.8      |
| 80°-90°   | 132.4  | 4.4       |
| 90°-100°  | 34.3   | 1.2       |
| 100°-110° | 7.8    | 0.3       |
| 110°-120° | 3.7    | 0.1       |
| 120°-130° | 2.5    | 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°    | 2928.4 | 98.4      |
| 0°-180°   | 2977.0 | 100.0     |

**Coefficient of Utilization**



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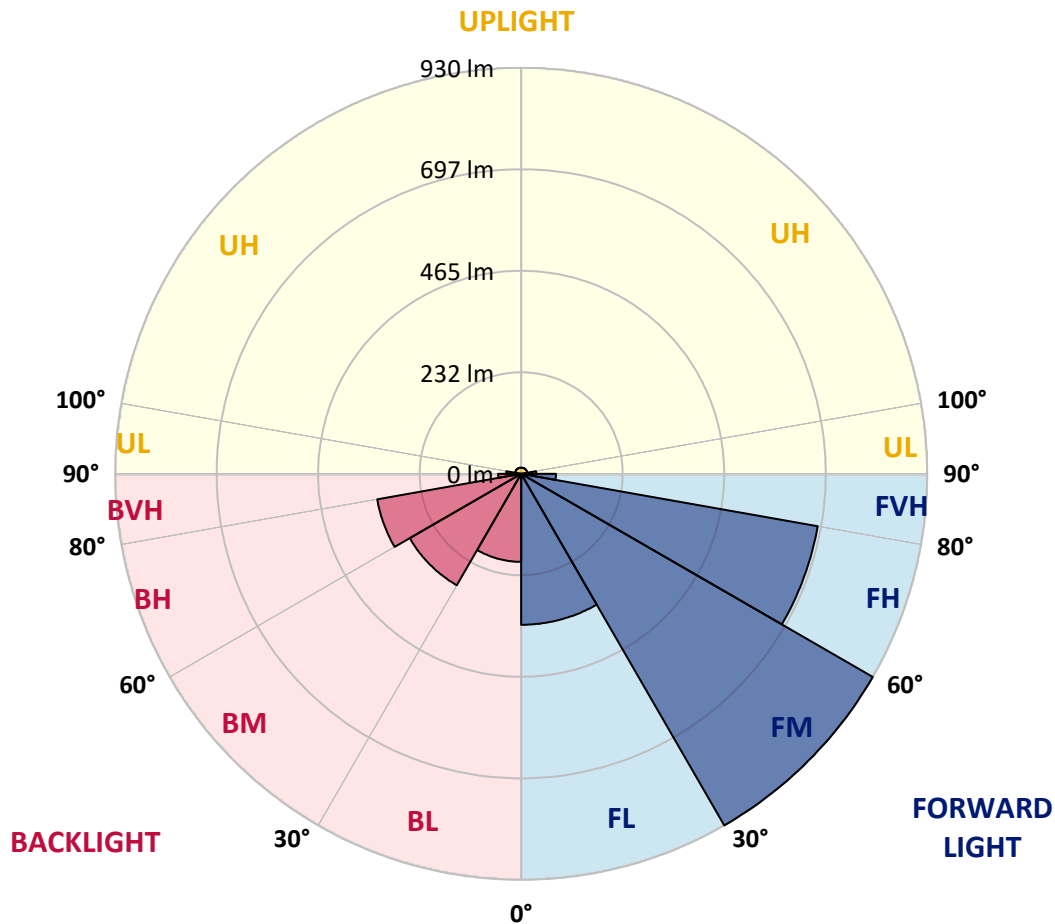
CATALOG NUMBER: CRTK2-C013-5TLD-U-T2-7040-SR-CARETAKER-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 345.8  | 11.6      |                         |       |         |
| FM   | (30°-60°)   | 929.7  | 31.2      |                         |       |         |
| FH   | (60°-80°)   | 689.5  | 23.2      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 79.6   | 2.7       |                         |       | G1/100  |
| BL   | (0°-30°)    | 201.6  | 6.8       | B1/500                  |       |         |
| BM   | (30°-60°)   | 294.7  | 9.9       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 334.8  | 11.2      | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 52.8   | 1.8       |                         |       | G1/100  |
| UL   | (90°-100°)  | 34.3   | 1.2       |                         | U2/50 |         |
| UH   | (100°-180°) | 14.2   | 0.5       |                         | U2/50 |         |

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

Type III Short



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CATALOG NUMBER: CRTK2-C013-5TLD-U-T2-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°    | 55°    | 65°    | 75°    | 85°    | 89°    |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 | 645.2  | 645.2  | 645.2  | 645.2  | 645.2  | 645.2  |
| 2.5°   | 677.1 | 673.6 | 673.6 | 673.6 | 666.5 | 666.5  | 661.8  | 659.4  | 654.7  | 651.1  | 650.0  |
| 5°     | 716.1 | 713.8 | 713.8 | 712.6 | 705.5 | 700.8  | 691.3  | 683.0  | 676.0  | 664.1  | 658.2  |
| 7.5°   | 746.9 | 743.3 | 743.3 | 742.1 | 735.0 | 729.1  | 718.5  | 699.6  | 685.4  | 672.4  | 663.0  |
| 10°    | 757.5 | 756.3 | 755.1 | 751.6 | 745.7 | 741.0  | 731.5  | 713.8  | 691.3  | 670.1  | 658.2  |
| 12.5°  | 777.6 | 777.6 | 774.0 | 769.3 | 764.6 | 759.9  | 746.9  | 732.7  | 707.9  | 674.8  | 659.4  |
| 15°    | 803.6 | 801.2 | 798.9 | 796.5 | 793.0 | 785.9  | 774.0  | 756.3  | 728.0  | 687.8  | 671.2  |
| 17.5°  | 814.2 | 813.0 | 813.0 | 814.2 | 813.0 | 808.3  | 806.0  | 785.9  | 756.3  | 705.5  | 686.6  |
| 20°    | 816.6 | 817.8 | 820.1 | 828.4 | 830.8 | 828.4  | 831.9  | 820.1  | 785.9  | 729.1  | 704.3  |
| 22.5°  | 830.8 | 833.1 | 837.9 | 846.1 | 849.7 | 853.2  | 856.8  | 866.2  | 831.9  | 765.8  | 731.5  |
| 25°    | 824.9 | 827.2 | 841.4 | 854.4 | 867.4 | 878.0  | 900.5  | 921.8  | 896.9  | 820.1  | 776.4  |
| 27.5°  | 809.5 | 814.2 | 839.0 | 865.0 | 896.9 | 925.3  | 966.7  | 992.7  | 972.6  | 888.7  | 839.0  |
| 30°    | 822.5 | 822.5 | 839.0 | 876.9 | 918.2 | 982.0  | 1036.4 | 1065.9 | 1051.8 | 954.9  | 912.3  |
| 32.5°  | 795.3 | 802.4 | 836.7 | 893.4 | 957.2 | 1038.8 | 1091.9 | 1143.9 | 1148.7 | 1043.5 | 977.3  |
| 35°    | 711.4 | 723.2 | 751.6 | 827.2 | 925.3 | 1067.1 | 1160.5 | 1230.2 | 1252.7 | 1149.8 | 1052.9 |
| 37.5°  | 586.1 | 594.4 | 644.1 | 719.7 | 836.7 | 972.6  | 1122.7 | 1281.0 | 1343.6 | 1218.4 | 1148.7 |
| 40°    | 518.8 | 524.7 | 554.2 | 616.9 | 724.4 | 855.6  | 973.8  | 1126.2 | 1160.5 | 1112.0 | 1065.9 |
| 42.5°  | 496.3 | 505.8 | 542.4 | 600.3 | 687.8 | 780.0  | 798.9  | 855.6  | 837.9  | 843.8  | 803.6  |
| 45°    | 527.1 | 530.6 | 557.8 | 608.6 | 661.8 | 686.6  | 661.8  | 700.8  | 719.7  | 716.1  | 676.0  |
| 47.5°  | 542.4 | 548.3 | 577.9 | 642.9 | 642.9 | 644.1  | 674.8  | 698.4  | 752.8  | 803.6  | 775.2  |
| 50°    | 465.6 | 473.9 | 528.2 | 580.2 | 588.5 | 686.6  | 767.0  | 813.0  | 869.8  | 1005.7 | 1022.2 |
| 52.5°  | 438.4 | 444.3 | 503.4 | 607.4 | 667.7 | 768.1  | 817.8  | 860.3  | 908.8  | 1133.3 | 1179.4 |
| 55°    | 479.8 | 490.4 | 560.1 | 667.7 | 733.9 | 794.1  | 857.9  | 919.4  | 971.4  | 1233.7 | 1268.0 |
| 57.5°  | 554.2 | 574.3 | 616.9 | 677.1 | 739.8 | 794.1  | 879.2  | 954.9  | 1023.4 | 1272.7 | 1328.3 |
| 60°    | 711.4 | 684.2 | 641.7 | 661.8 | 718.5 | 787.0  | 889.9  | 980.8  | 1050.6 | 1286.9 | 1360.2 |
| 62.5°  | 784.7 | 764.6 | 660.6 | 633.4 | 683.0 | 762.2  | 869.8  | 980.8  | 1041.1 | 1259.7 | 1350.7 |
| 65°    | 758.7 | 742.1 | 667.7 | 600.3 | 639.3 | 728.0  | 839.0  | 966.7  | 1019.8 | 1225.5 | 1341.3 |
| 67.5°  | 646.4 | 629.9 | 606.2 | 581.4 | 598.0 | 693.7  | 810.7  | 940.7  | 996.2  | 1197.1 | 1302.3 |
| 70°    | 525.9 | 516.4 | 508.2 | 527.1 | 557.8 | 641.7  | 754.0  | 882.8  | 948.9  | 1128.6 | 1238.5 |
| 72.5°  | 447.9 | 442.0 | 427.8 | 446.7 | 495.2 | 572.0  | 668.9  | 797.7  | 876.9  | 1012.8 | 1147.5 |
| 75°    | 380.5 | 377.0 | 372.3 | 381.7 | 412.4 | 484.5  | 561.3  | 687.8  | 783.5  | 883.9  | 997.4  |
| 77.5°  | 308.4 | 303.7 | 314.3 | 316.7 | 340.3 | 392.3  | 442.0  | 547.1  | 653.5  | 693.7  | 744.5  |
| 80°    | 224.5 | 229.3 | 247.0 | 239.9 | 257.6 | 275.3  | 310.8  | 356.9  | 440.8  | 485.7  | 489.2  |
| 82.5°  | 157.2 | 161.9 | 178.4 | 160.7 | 165.4 | 166.6  | 179.6  | 196.2  | 230.4  | 268.3  | 273.0  |
| 85°    | 111.1 | 113.4 | 117.0 | 104.0 | 104.0 | 104.0  | 112.3  | 121.7  | 139.4  | 154.8  | 158.4  |
| 87.5°  | 79.2  | 79.2  | 83.9  | 79.2  | 78.0  | 76.8   | 81.5   | 85.1   | 95.7   | 106.4  | 108.7  |
| 90°    | 59.1  | 59.1  | 61.5  | 59.1  | 59.1  | 59.1   | 63.8   | 67.4   | 76.8   | 86.3   | 87.4   |
| 92.5°  | 42.5  | 42.5  | 46.1  | 44.9  | 44.9  | 46.1   | 50.8   | 53.2   | 61.5   | 70.9   | 72.1   |
| 95°    | 33.1  | 33.1  | 35.5  | 34.3  | 34.3  | 36.6   | 40.2   | 42.5   | 48.5   | 53.2   | 54.4   |
| 97.5°  | 23.6  | 23.6  | 24.8  | 24.8  | 24.8  | 24.8   | 27.2   | 30.7   | 37.8   | 37.8   | 36.6   |
| 100°   | 16.5  | 16.5  | 17.7  | 16.5  | 16.5  | 17.7   | 17.7   | 20.1   | 23.6   | 22.5   | 22.5   |
| 102.5° | 11.8  | 11.8  | 11.8  | 11.8  | 11.8  | 10.6   | 10.6   | 11.8   | 13.0   | 11.8   | 11.8   |
| 105°   | 8.3   | 8.3   | 8.3   | 8.3   | 8.3   | 8.3    | 8.3    | 8.3    | 8.3    | 8.3    | 7.1    |
| 107.5° | 7.1   | 7.1   | 7.1   | 7.1   | 7.1   | 7.1    | 7.1    | 7.1    | 7.1    | 5.9    | 5.9    |
| 110°   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 5.9    | 5.9    | 5.9    | 5.9    | 5.9    | 4.7    |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 89° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 4.7 | 4.7 |
| 115°   | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 4.7 | 4.7 |
| 117.5° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 120°   | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 122.5° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 125°   | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 4.7 | 4.7 | 3.5 |
| 127.5° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 130°   | 3.5 | 2.4 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 2.4 |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 645.2  | 645.2  | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 | 645.2 |
| 2.5°   | 648.8  | 646.4  | 639.3 | 631.1 | 624.0 | 618.1 | 612.1 | 607.4 | 606.2 | 603.9 | 606.2 |
| 5°     | 657.1  | 648.8  | 632.2 | 621.6 | 612.1 | 602.7 | 593.2 | 588.5 | 585.0 | 582.6 | 582.6 |
| 7.5°   | 660.6  | 648.8  | 629.9 | 615.7 | 595.6 | 575.5 | 563.7 | 554.2 | 550.7 | 554.2 | 554.2 |
| 10°    | 654.7  | 640.5  | 618.1 | 596.8 | 569.6 | 553.1 | 536.5 | 528.2 | 523.5 | 523.5 | 520.0 |
| 12.5°  | 657.1  | 640.5  | 607.4 | 575.5 | 553.1 | 523.5 | 503.4 | 494.0 | 486.9 | 489.2 | 489.2 |
| 15°    | 666.5  | 644.1  | 598.0 | 566.1 | 527.1 | 503.4 | 478.6 | 472.7 | 471.5 | 468.0 | 465.6 |
| 17.5°  | 680.7  | 647.6  | 595.6 | 544.8 | 504.6 | 476.2 | 452.6 | 442.0 | 436.1 | 432.5 | 431.3 |
| 20°    | 696.0  | 652.3  | 588.5 | 524.7 | 481.0 | 444.3 | 416.0 | 401.8 | 397.1 | 397.1 | 394.7 |
| 22.5°  | 722.0  | 668.9  | 582.6 | 515.2 | 449.1 | 412.4 | 384.1 | 364.0 | 354.5 | 353.3 | 352.2 |
| 25°    | 764.6  | 700.8  | 588.5 | 494.0 | 430.2 | 375.8 | 343.9 | 326.2 | 315.5 | 312.0 | 312.0 |
| 27.5°  | 829.6  | 744.5  | 596.8 | 482.2 | 391.2 | 341.5 | 306.1 | 278.9 | 263.5 | 264.7 | 265.9 |
| 30°    | 899.3  | 809.5  | 620.4 | 463.2 | 366.3 | 293.1 | 250.5 | 229.3 | 215.1 | 210.4 | 208.0 |
| 32.5°  | 956.0  | 876.9  | 654.7 | 447.9 | 320.3 | 234.0 | 197.4 | 182.0 | 166.6 | 153.6 | 148.9 |
| 35°    | 1043.5 | 933.6  | 684.2 | 425.4 | 282.4 | 191.4 | 159.5 | 135.9 | 122.9 | 117.0 | 114.6 |
| 37.5°  | 1122.7 | 989.1  | 706.7 | 420.7 | 229.3 | 164.3 | 126.4 | 101.6 | 88.6  | 87.4  | 87.4  |
| 40°    | 1026.9 | 919.4  | 690.1 | 382.9 | 180.8 | 127.6 | 91.0  | 72.1  | 62.6  | 57.9  | 57.9  |
| 42.5°  | 785.9  | 704.3  | 525.9 | 319.1 | 130.0 | 86.3  | 57.9  | 54.4  | 53.2  | 48.5  | 48.5  |
| 45°    | 658.2  | 520.0  | 319.1 | 166.6 | 61.5  | 47.3  | 41.4  | 41.4  | 42.5  | 46.1  | 46.1  |
| 47.5°  | 790.6  | 614.5  | 235.2 | 119.4 | 60.3  | 41.4  | 36.6  | 33.1  | 30.7  | 29.5  | 29.5  |
| 50°    | 1023.4 | 874.5  | 300.2 | 141.8 | 72.1  | 42.5  | 33.1  | 29.5  | 28.4  | 27.2  | 24.8  |
| 52.5°  | 1193.6 | 1024.6 | 395.9 | 216.3 | 115.8 | 54.4  | 33.1  | 24.8  | 18.9  | 16.5  | 15.4  |
| 55°    | 1296.4 | 1155.7 | 466.8 | 310.8 | 187.9 | 91.0  | 41.4  | 22.5  | 16.5  | 14.2  | 13.0  |
| 57.5°  | 1351.9 | 1171.1 | 525.9 | 395.9 | 276.5 | 161.9 | 72.1  | 27.2  | 16.5  | 13.0  | 13.0  |
| 60°    | 1359.0 | 1173.5 | 554.2 | 452.6 | 352.2 | 245.8 | 137.1 | 53.2  | 21.3  | 15.4  | 14.2  |
| 62.5°  | 1353.1 | 1153.4 | 561.3 | 475.1 | 398.2 | 314.3 | 216.3 | 105.2 | 33.1  | 17.7  | 16.5  |
| 65°    | 1342.5 | 1154.6 | 529.4 | 455.0 | 398.2 | 336.8 | 250.5 | 138.3 | 47.3  | 20.1  | 18.9  |
| 67.5°  | 1307.0 | 1151.0 | 511.7 | 411.2 | 360.4 | 301.3 | 224.5 | 128.8 | 54.4  | 24.8  | 23.6  |
| 70°    | 1234.9 | 1108.5 | 501.1 | 393.5 | 338.0 | 268.3 | 189.1 | 102.8 | 61.5  | 42.5  | 46.1  |
| 72.5°  | 1153.4 | 1031.7 | 490.4 | 378.2 | 329.7 | 267.1 | 190.3 | 111.1 | 82.7  | 69.7  | 74.5  |
| 75°    | 1031.7 | 898.1  | 471.5 | 362.8 | 325.0 | 275.3 | 192.6 | 105.2 | 78.0  | 62.6  | 61.5  |
| 77.5°  | 794.1  | 746.9  | 430.2 | 325.0 | 295.4 | 254.1 | 164.3 | 80.4  | 57.9  | 43.7  | 42.5  |
| 80°    | 518.8  | 512.9  | 335.6 | 262.3 | 249.3 | 224.5 | 137.1 | 62.6  | 46.1  | 35.5  | 33.1  |
| 82.5°  | 293.1  | 281.3  | 209.2 | 165.4 | 176.1 | 182.0 | 111.1 | 47.3  | 35.5  | 28.4  | 26.0  |
| 85°    | 166.6  | 169.0  | 121.7 | 89.8  | 91.0  | 107.5 | 72.1  | 33.1  | 22.5  | 16.5  | 15.4  |
| 87.5°  | 114.6  | 118.2  | 79.2  | 60.3  | 54.4  | 50.8  | 37.8  | 20.1  | 13.0  | 8.3   | 5.9   |
| 90°    | 93.4   | 93.4   | 59.1  | 43.7  | 37.8  | 33.1  | 21.3  | 11.8  | 9.5   | 4.7   | 3.5   |
| 92.5°  | 75.6   | 79.2   | 49.6  | 35.5  | 29.5  | 26.0  | 16.5  | 8.3   | 5.9   | 3.5   | 2.4   |
| 95°    | 56.7   | 60.3   | 40.2  | 29.5  | 23.6  | 20.1  | 14.2  | 7.1   | 4.7   | 2.4   | 2.4   |
| 97.5°  | 39.0   | 39.0   | 28.4  | 22.5  | 18.9  | 15.4  | 10.6  | 5.9   | 3.5   | 2.4   | 2.4   |
| 100°   | 22.5   | 23.6   | 16.5  | 14.2  | 13.0  | 11.8  | 7.1   | 4.7   | 2.4   | 1.2   | 1.2   |
| 102.5° | 11.8   | 11.8   | 8.3   | 8.3   | 7.1   | 7.1   | 5.9   | 3.5   | 2.4   | 1.2   | 1.2   |
| 105°   | 7.1    | 7.1    | 5.9   | 5.9   | 4.7   | 4.7   | 3.5   | 2.4   | 1.2   | 0.0   | 1.2   |
| 107.5° | 5.9    | 5.9    | 4.7   | 4.7   | 3.5   | 3.5   | 2.4   | 2.4   | 1.2   | 0.0   | 0.0   |
| 110°   | 4.7    | 4.7    | 3.5   | 3.5   | 3.5   | 2.4   | 2.4   | 1.2   | 1.2   | 0.0   | 0.0   |

REPORT NUMBER: P691023

CATALOG NUMBER: CRTK2-C013-5TLD-U-T2-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 4.7 | 4.7 | 3.5  | 3.5  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 0.0  | 0.0  |
| 115°   | 4.7 | 3.5 | 3.5  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 117.5° | 4.7 | 3.5 | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 120°   | 4.7 | 3.5 | 2.4  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 122.5° | 4.7 | 3.5 | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 125°   | 3.5 | 3.5 | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 127.5° | 3.5 | 3.5 | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  |
| 130°   | 3.5 | 3.5 | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 1.2  | 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)