

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: P691648

Luminaire Tested: **CRTK2-C018-5TLD-U-T5R-7050**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691648
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-17)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C018-5TLD-U-T5R-7050
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8564 lumens
Efficiency: N/A
Efficacy: 159.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')
IES Classification: Type V - Short
BUG Rating: B3 - U3 - G2

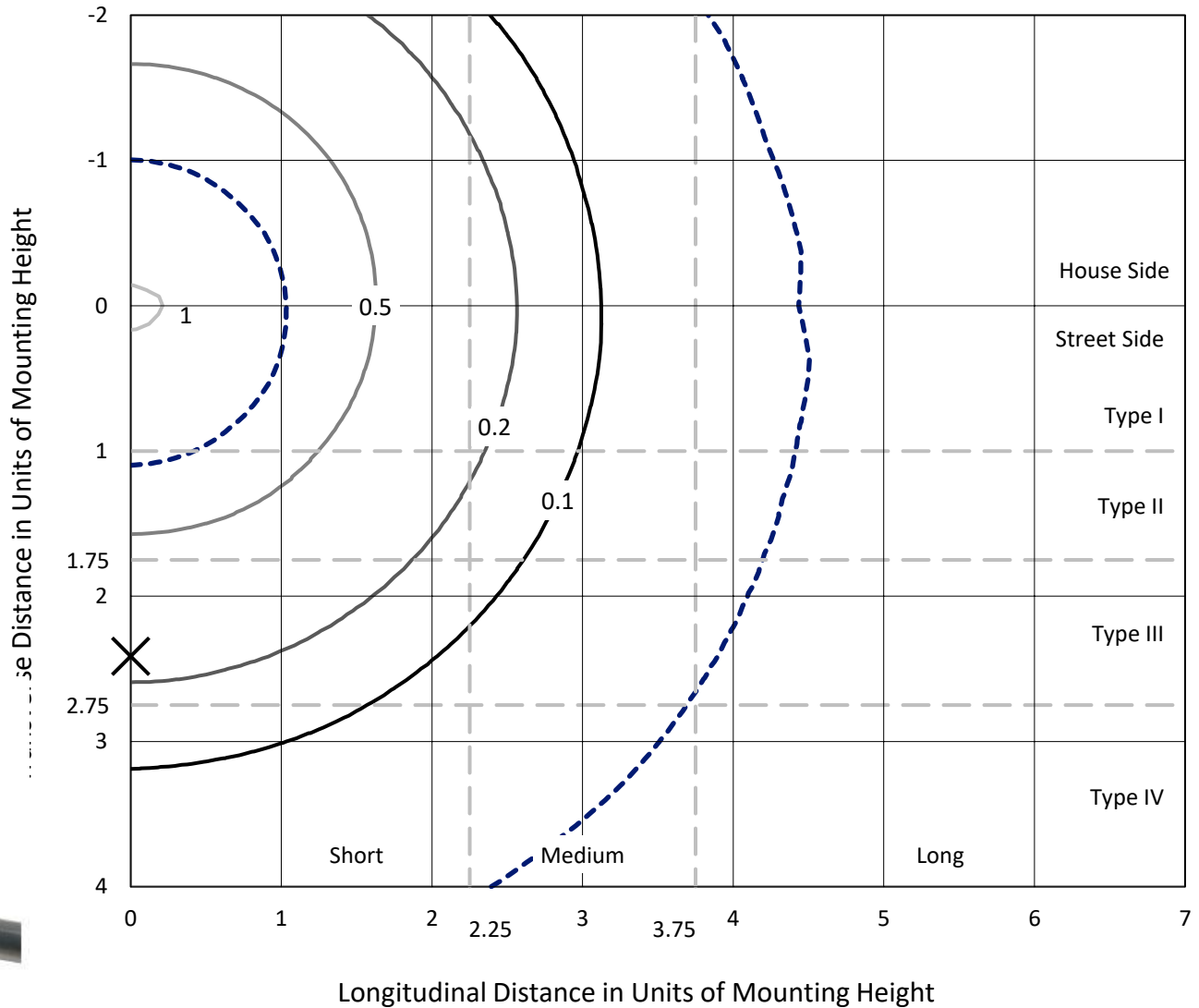
Input Watts (W): 53.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P691648
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Iso-Footcandle Lines of Horizontal Illumination

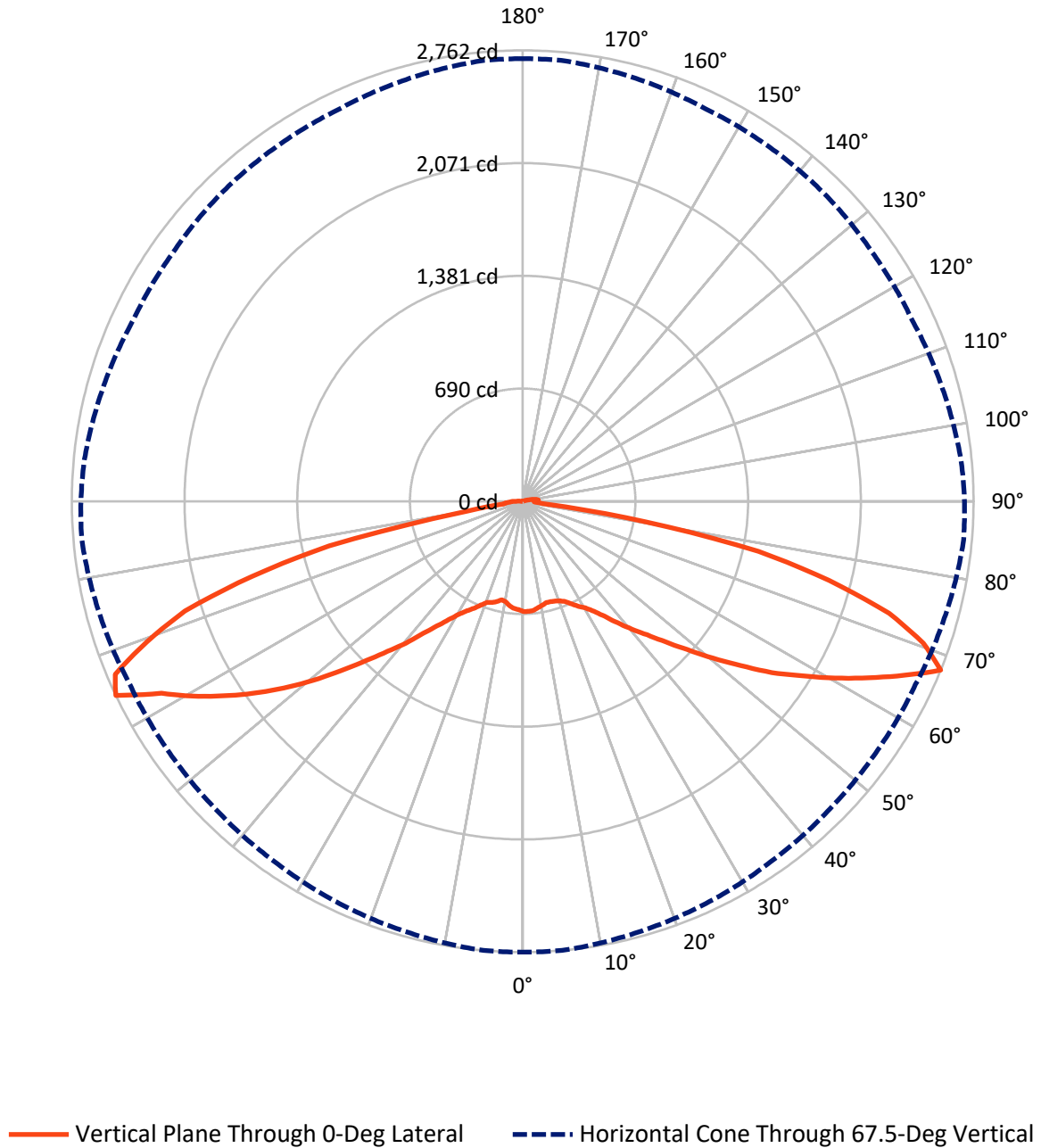
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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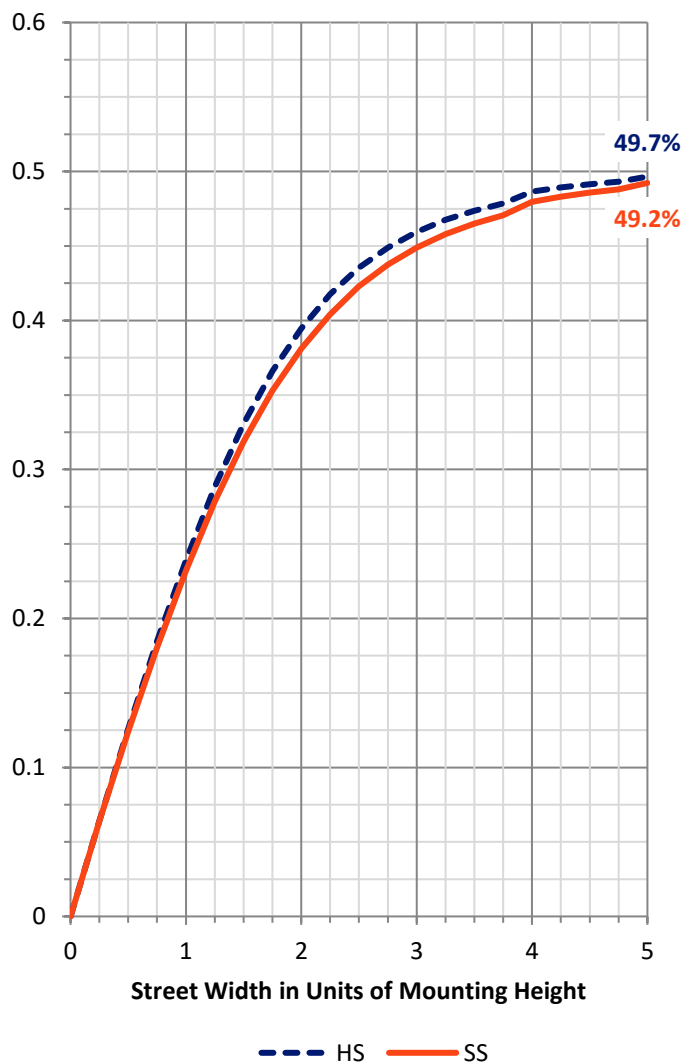
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 4240.2 | 40.2 | 4280.4 |
| | % Fixture | 49.5 | 0.5 | 50.0 |
| Street Side | Lumens | 4226.8 | 56.9 | 4283.6 |
| | % Fixture | 49.4 | 0.7 | 50.0 |
| Total | Lumens | 8467.0 | 97.0 | 8564.0 |
| | % Fixture | 98.9 | 1.1 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 63.2 | 0.7 |
| 10°-20° | 186.4 | 2.2 |
| 20°-30° | 336.8 | 3.9 |
| 30°-40° | 580.9 | 6.8 |
| 40°-50° | 1030.6 | 12.0 |
| 50°-60° | 1754.4 | 20.5 |
| 60°-70° | 2513.6 | 29.4 |
| 70°-80° | 1827.6 | 21.3 |
| 80°-90° | 173.5 | 2.0 |
| 90°-100° | 78.3 | 0.9 |
| 100°-110° | 18.7 | 0.2 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 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° | 8467.0 | 98.9 |
| 0°-180° | 8564.0 | 100.0 |

Coefficient of Utilization



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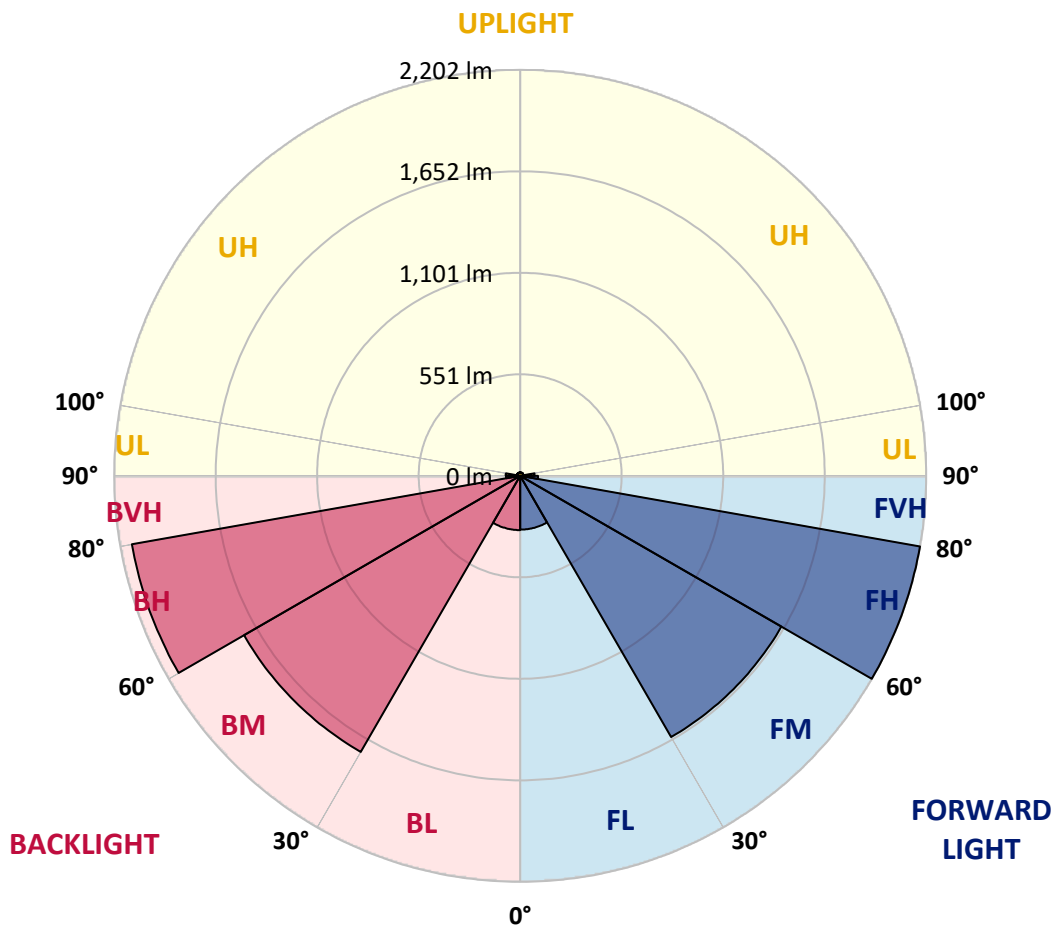
CATALOG NUMBER: CRTK2-C018-5TLD-U-T5R-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 291.9 | 3.4 | | | |
| FM (30°-60°) | 1636.1 | 19.1 | | | |
| FH (60°-80°) | 2202.4 | 25.7 | | | G2/5000 |
| FVH (80°-90°) | 96.4 | 1.1 | | | G1/100 |
| BL (0°-30°) | 294.6 | 3.4 | B1/500 | | |
| BM (30°-60°) | 1729.7 | 20.2 | B2/2500 | | |
| BH (60°-80°) | 2138.8 | 25.0 | B3/2500 | | G2/5000 |
| BVH (80°-90°) | 77.1 | 0.9 | | | G1/100 |
| UL (90°-100°) | 78.3 | 0.9 | | U3/500 | |
| UH (100°-180°) | 18.7 | 0.2 | | U2/50 | |

BUG Rating: B3-U3-G2

Type V Short





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CATALOG NUMBER: CRTK2-C018-5TLD-U-T5R-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 |
| 2.5° | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 672.4 | 667.1 | 667.1 | 667.1 | 667.1 |
| 5° | 672.4 | 672.4 | 672.4 | 672.4 | 675.1 | 675.1 | 675.1 | 669.8 | 669.8 | 669.8 | 669.8 |
| 7.5° | 659.1 | 659.1 | 661.8 | 661.8 | 664.4 | 667.1 | 664.4 | 664.4 | 664.4 | 667.1 | 667.1 |
| 10° | 648.4 | 648.4 | 651.1 | 651.1 | 653.8 | 653.8 | 659.1 | 659.1 | 661.8 | 664.4 | 664.4 |
| 12.5° | 637.7 | 637.7 | 640.4 | 645.8 | 648.4 | 651.1 | 653.8 | 656.4 | 661.8 | 664.4 | 664.4 |
| 15° | 637.7 | 637.7 | 637.7 | 643.1 | 651.1 | 656.4 | 659.1 | 664.4 | 669.8 | 672.4 | 675.1 |
| 17.5° | 643.1 | 643.1 | 643.1 | 648.4 | 653.8 | 661.8 | 669.8 | 672.4 | 677.8 | 683.1 | 683.1 |
| 20° | 651.1 | 651.1 | 653.8 | 659.1 | 667.1 | 672.4 | 677.8 | 685.8 | 691.1 | 696.5 | 699.1 |
| 22.5° | 667.1 | 669.8 | 669.8 | 672.4 | 680.4 | 688.4 | 693.8 | 699.1 | 707.1 | 712.5 | 717.8 |
| 25° | 696.5 | 693.8 | 693.8 | 699.1 | 704.5 | 712.5 | 715.1 | 720.5 | 728.5 | 736.5 | 739.1 |
| 27.5° | 728.5 | 725.8 | 725.8 | 731.1 | 736.5 | 741.8 | 744.5 | 752.5 | 760.5 | 768.5 | 771.2 |
| 30° | 757.8 | 757.8 | 760.5 | 765.8 | 771.2 | 779.2 | 781.8 | 789.8 | 795.2 | 805.9 | 805.9 |
| 32.5° | 803.2 | 805.9 | 808.5 | 811.2 | 816.5 | 824.5 | 832.5 | 835.2 | 840.5 | 848.6 | 853.9 |
| 35° | 864.6 | 869.9 | 869.9 | 872.6 | 885.9 | 893.9 | 888.6 | 896.6 | 904.6 | 915.3 | 920.6 |
| 37.5° | 944.6 | 941.9 | 950.0 | 960.6 | 963.3 | 971.3 | 968.6 | 974.0 | 984.6 | 998.0 | 1006.0 |
| 40° | 1030.0 | 1032.7 | 1032.7 | 1035.3 | 1043.3 | 1046.0 | 1056.7 | 1064.7 | 1075.4 | 1094.0 | 1099.4 |
| 42.5° | 1118.1 | 1123.4 | 1128.7 | 1131.4 | 1144.7 | 1147.4 | 1155.4 | 1166.1 | 1179.4 | 1192.8 | 1198.1 |
| 45° | 1227.5 | 1224.8 | 1238.1 | 1243.5 | 1256.8 | 1272.8 | 1272.8 | 1278.2 | 1299.5 | 1312.9 | 1320.9 |
| 47.5° | 1358.2 | 1363.6 | 1371.6 | 1379.6 | 1400.9 | 1403.6 | 1416.9 | 1424.9 | 1438.3 | 1451.6 | 1454.3 |
| 50° | 1510.3 | 1510.3 | 1518.3 | 1534.3 | 1547.7 | 1561.0 | 1569.0 | 1579.7 | 1590.4 | 1611.7 | 1622.4 |
| 52.5° | 1670.4 | 1673.1 | 1683.8 | 1699.8 | 1721.1 | 1723.8 | 1731.8 | 1750.5 | 1758.5 | 1763.8 | 1782.5 |
| 55° | 1851.9 | 1843.9 | 1851.9 | 1875.9 | 1899.9 | 1897.2 | 1899.9 | 1921.3 | 1934.6 | 1945.3 | 1950.6 |
| 57.5° | 2017.3 | 2017.3 | 2025.3 | 2044.0 | 2049.3 | 2057.3 | 2060.0 | 2078.7 | 2094.7 | 2108.0 | 2110.7 |
| 60° | 2198.8 | 2196.1 | 2201.4 | 2217.4 | 2236.1 | 2236.1 | 2233.5 | 2252.1 | 2268.1 | 2270.8 | 2289.5 |
| 62.5° | 2380.2 | 2372.2 | 2377.5 | 2388.2 | 2398.9 | 2388.2 | 2398.9 | 2414.9 | 2428.2 | 2438.9 | 2444.3 |
| 65° | 2569.7 | 2559.0 | 2561.7 | 2551.0 | 2535.0 | 2521.6 | 2545.7 | 2591.0 | 2631.0 | 2652.4 | 2655.1 |
| 67.5° | 2761.8 | 2761.8 | 2732.4 | 2705.8 | 2679.1 | 2663.1 | 2655.1 | 2655.1 | 2681.7 | 2711.1 | 2705.8 |
| 70° | 2604.4 | 2609.7 | 2585.7 | 2567.0 | 2524.3 | 2511.0 | 2503.0 | 2476.3 | 2489.6 | 2497.6 | 2478.9 |
| 72.5° | 2348.2 | 2318.8 | 2308.2 | 2300.2 | 2268.1 | 2244.1 | 2217.4 | 2198.8 | 2190.8 | 2196.1 | 2174.7 |
| 75° | 1939.9 | 1998.6 | 1966.6 | 1950.6 | 1929.3 | 1918.6 | 1849.2 | 1827.9 | 1825.2 | 1846.5 | 1846.5 |
| 77.5° | 1475.6 | 1507.6 | 1486.3 | 1494.3 | 1462.3 | 1456.9 | 1430.3 | 1406.2 | 1387.6 | 1382.2 | 1328.9 |
| 80° | 765.8 | 789.8 | 795.2 | 821.9 | 816.5 | 800.5 | 781.8 | 712.5 | 693.8 | 704.5 | 653.8 |
| 82.5° | 138.8 | 144.1 | 146.8 | 149.4 | 138.8 | 144.1 | 146.8 | 133.4 | 141.4 | 138.8 | 133.4 |
| 85° | 80.1 | 80.1 | 82.7 | 82.7 | 77.4 | 72.0 | 77.4 | 74.7 | 74.7 | 80.1 | 80.1 |
| 87.5° | 69.4 | 72.0 | 74.7 | 74.7 | 66.7 | 61.4 | 66.7 | 66.7 | 69.4 | 72.0 | 72.0 |
| 90° | 72.0 | 72.0 | 77.4 | 77.4 | 69.4 | 64.0 | 72.0 | 74.7 | 74.7 | 74.7 | 77.4 |
| 92.5° | 96.1 | 93.4 | 96.1 | 96.1 | 88.1 | 82.7 | 93.4 | 93.4 | 93.4 | 93.4 | 96.1 |
| 95° | 93.4 | 90.7 | 93.4 | 90.7 | 85.4 | 80.1 | 88.1 | 90.7 | 90.7 | 90.7 | 93.4 |
| 97.5° | 80.1 | 80.1 | 80.1 | 80.1 | 72.0 | 69.4 | 80.1 | 80.1 | 77.4 | 77.4 | 80.1 |
| 100° | 61.4 | 58.7 | 58.7 | 58.7 | 56.0 | 56.0 | 61.4 | 58.7 | 56.0 | 58.7 | 61.4 |
| 102.5° | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 37.4 | 37.4 | 37.4 | 42.7 |
| 105° | 24.0 | 24.0 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 18.7 | 18.7 | 18.7 | 24.0 |
| 107.5° | 8.0 | 8.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 2.7 | 2.7 | 2.7 | 8.0 |
| 110° | 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-C018-5TLD-U-T5R-7050

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 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 | 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 | 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):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 | 675.1 |
| 2.5° | 669.8 | 669.8 | 672.4 | 669.8 | 669.8 | 667.1 | 664.4 | 661.8 | 664.4 | 664.4 |
| 5° | 669.8 | 672.4 | 669.8 | 667.1 | 664.4 | 661.8 | 661.8 | 656.4 | 656.4 | 659.1 |
| 7.5° | 667.1 | 672.4 | 667.1 | 664.4 | 656.4 | 653.8 | 651.1 | 645.8 | 645.8 | 645.8 |
| 10° | 664.4 | 664.4 | 661.8 | 651.1 | 645.8 | 637.7 | 635.1 | 629.7 | 627.1 | 624.4 |
| 12.5° | 664.4 | 664.4 | 656.4 | 648.4 | 640.4 | 629.7 | 627.1 | 621.7 | 619.1 | 616.4 |
| 15° | 672.4 | 675.1 | 669.8 | 659.1 | 645.8 | 643.1 | 635.1 | 632.4 | 629.7 | 635.1 |
| 17.5° | 685.8 | 683.1 | 677.8 | 667.1 | 659.1 | 656.4 | 645.8 | 645.8 | 643.1 | 648.4 |
| 20° | 699.1 | 693.8 | 688.4 | 683.1 | 672.4 | 667.1 | 667.1 | 659.1 | 661.8 | 656.4 |
| 22.5° | 715.1 | 717.8 | 709.8 | 701.8 | 693.8 | 691.1 | 688.4 | 688.4 | 685.8 | 685.8 |
| 25° | 741.8 | 741.8 | 736.5 | 728.5 | 723.1 | 717.8 | 715.1 | 717.8 | 712.5 | 720.5 |
| 27.5° | 773.8 | 771.2 | 771.2 | 765.8 | 757.8 | 755.2 | 752.5 | 755.2 | 752.5 | 752.5 |
| 30° | 805.9 | 811.2 | 805.9 | 803.2 | 797.9 | 797.9 | 795.2 | 795.2 | 797.9 | 795.2 |
| 32.5° | 856.6 | 859.2 | 859.2 | 856.6 | 851.2 | 848.6 | 848.6 | 851.2 | 856.6 | 853.9 |
| 35° | 923.3 | 925.9 | 931.3 | 936.6 | 936.6 | 931.3 | 925.9 | 923.3 | 925.9 | 925.9 |
| 37.5° | 1011.3 | 1014.0 | 1019.3 | 1019.3 | 1016.7 | 1014.0 | 1016.7 | 1022.0 | 1011.3 | 1011.3 |
| 40° | 1102.1 | 1099.4 | 1104.7 | 1110.1 | 1112.7 | 1110.1 | 1107.4 | 1112.7 | 1118.1 | 1126.1 |
| 42.5° | 1203.4 | 1208.8 | 1211.5 | 1222.1 | 1227.5 | 1227.5 | 1224.8 | 1232.8 | 1235.5 | 1235.5 |
| 45° | 1323.5 | 1336.9 | 1331.5 | 1350.2 | 1366.2 | 1368.9 | 1360.9 | 1366.2 | 1360.9 | 1366.2 |
| 47.5° | 1462.3 | 1473.0 | 1483.6 | 1499.6 | 1507.6 | 1513.0 | 1510.3 | 1515.7 | 1521.0 | 1521.0 |
| 50° | 1619.7 | 1627.7 | 1646.4 | 1667.8 | 1681.1 | 1681.1 | 1670.4 | 1681.1 | 1691.8 | 1689.1 |
| 52.5° | 1785.2 | 1801.2 | 1819.9 | 1838.5 | 1849.2 | 1851.9 | 1851.9 | 1859.9 | 1857.2 | 1857.2 |
| 55° | 1958.6 | 1971.9 | 1996.0 | 2006.6 | 2020.0 | 2025.3 | 2025.3 | 2028.0 | 2025.3 | 2025.3 |
| 57.5° | 2124.0 | 2140.1 | 2158.7 | 2180.1 | 2193.4 | 2198.8 | 2193.4 | 2193.4 | 2193.4 | 2188.1 |
| 60° | 2294.8 | 2305.5 | 2324.2 | 2340.2 | 2348.2 | 2358.9 | 2358.9 | 2356.2 | 2353.5 | 2350.9 |
| 62.5° | 2452.3 | 2457.6 | 2462.9 | 2465.6 | 2473.6 | 2495.0 | 2495.0 | 2508.3 | 2508.3 | 2505.6 |
| 65° | 2657.7 | 2633.7 | 2612.4 | 2617.7 | 2636.4 | 2655.1 | 2671.1 | 2724.4 | 2751.1 | 2761.8 |
| 67.5° | 2697.8 | 2663.1 | 2631.0 | 2628.4 | 2639.1 | 2644.4 | 2652.4 | 2681.7 | 2711.1 | 2711.1 |
| 70° | 2462.9 | 2441.6 | 2412.2 | 2425.6 | 2433.6 | 2425.6 | 2436.3 | 2454.9 | 2481.6 | 2457.6 |
| 72.5° | 2158.7 | 2124.0 | 2145.4 | 2158.7 | 2145.4 | 2134.7 | 2140.1 | 2137.4 | 2156.1 | 2174.7 |
| 75° | 1822.5 | 1750.5 | 1750.5 | 1750.5 | 1755.8 | 1731.8 | 1731.8 | 1734.5 | 1769.2 | 1721.1 |
| 77.5° | 1350.2 | 1299.5 | 1286.2 | 1232.8 | 1227.5 | 1195.4 | 1216.8 | 1203.4 | 1235.5 | 1216.8 |
| 80° | 629.7 | 608.4 | 600.4 | 547.0 | 536.3 | 451.0 | 483.0 | 429.6 | 445.6 | 400.3 |
| 82.5° | 130.8 | 128.1 | 125.4 | 112.1 | 101.4 | 88.1 | 104.1 | 117.4 | 120.1 | 117.4 |
| 85° | 82.7 | 85.4 | 85.4 | 80.1 | 74.7 | 66.7 | 80.1 | 98.7 | 104.1 | 104.1 |
| 87.5° | 72.0 | 74.7 | 74.7 | 72.0 | 66.7 | 58.7 | 66.7 | 74.7 | 77.4 | 74.7 |
| 90° | 77.4 | 80.1 | 77.4 | 74.7 | 69.4 | 61.4 | 69.4 | 72.0 | 58.7 | 61.4 |
| 92.5° | 93.4 | 93.4 | 90.7 | 90.7 | 88.1 | 77.4 | 85.4 | 69.4 | 26.7 | 8.0 |
| 95° | 90.7 | 88.1 | 88.1 | 85.4 | 82.7 | 69.4 | 69.4 | 18.7 | 0.0 | 0.0 |
| 97.5° | 77.4 | 72.0 | 72.0 | 69.4 | 69.4 | 58.7 | 42.7 | 0.0 | 0.0 | 0.0 |
| 100° | 58.7 | 50.7 | 50.7 | 48.0 | 48.0 | 40.0 | 16.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 40.0 | 32.0 | 29.4 | 26.7 | 26.7 | 24.0 | 2.7 | 0.0 | 0.0 | 0.0 |
| 105° | 21.3 | 13.3 | 10.7 | 8.0 | 8.0 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 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 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 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° | 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 |
| 135° | 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 |
| 140° | 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 |
| 145° | 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 |
| 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° | 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 |
| 160° | 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 |
| 165° | 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 |
| 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 | 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 |
| 177.5° | 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 |

(END OF REPORT)