

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: P691247

Luminaire Tested: **CRTK2-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691247  
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-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC AND SR REFRACTOR WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

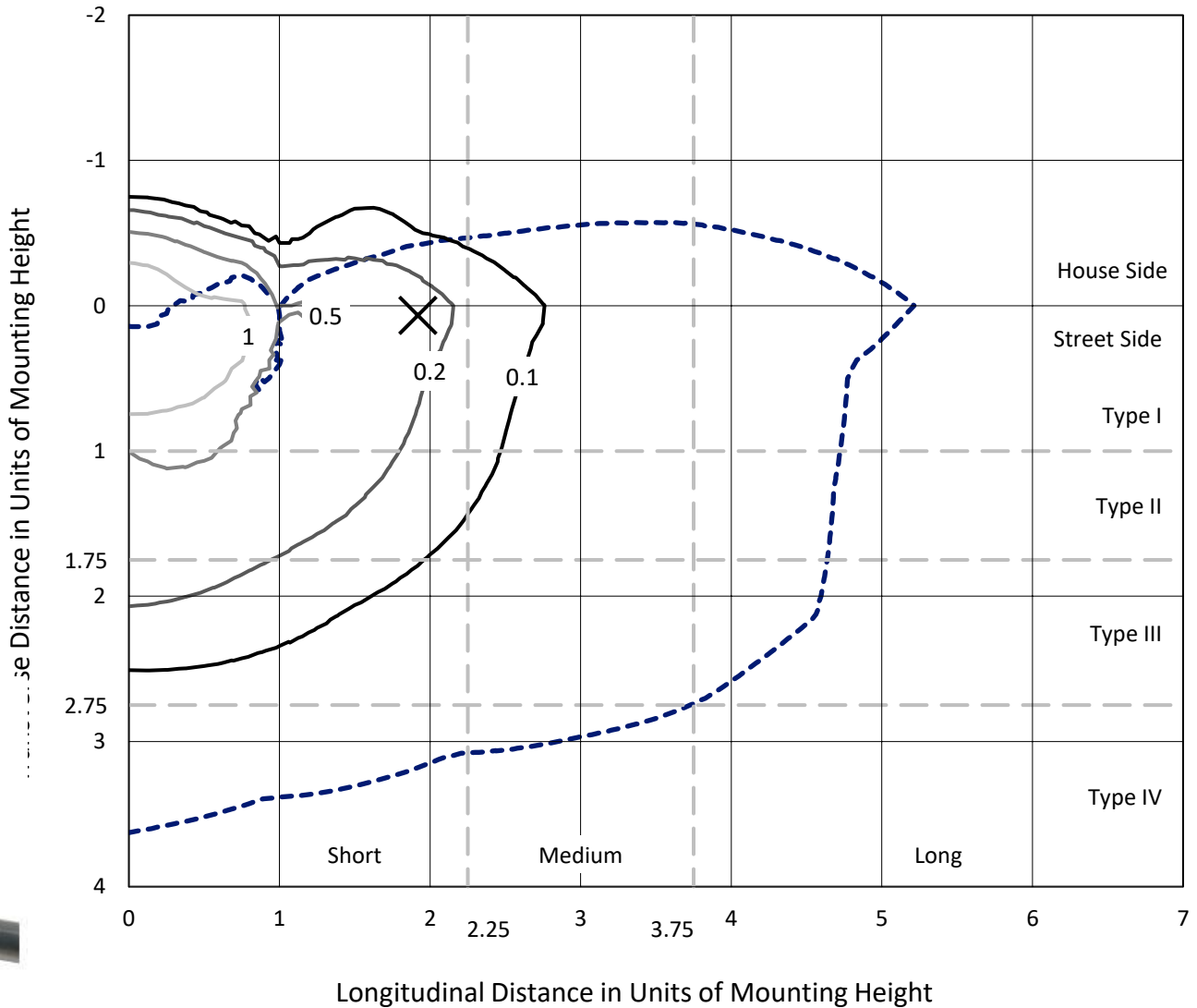
Lumens per Lamp: N/A  
Luminaire Lumens: 4301.9 lumens  
Efficiency: N/A  
Efficacy: 131.6 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U3 - G2  
  
Input Watts (W): 32.7  
Input Voltage (V): NR  
Input Current (Ain): 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



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### Iso-Footcandle Lines of Horizontal Illumination

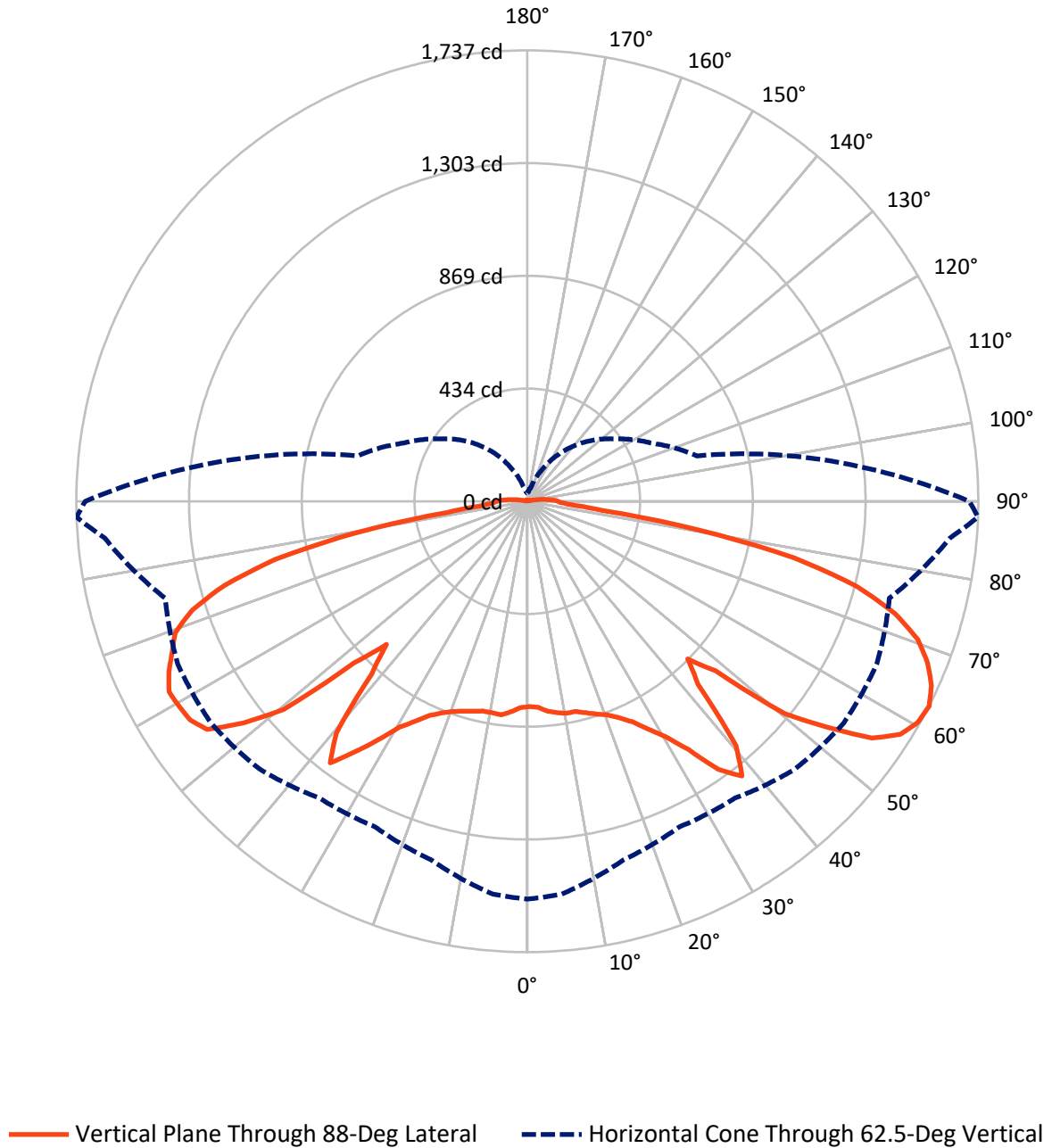
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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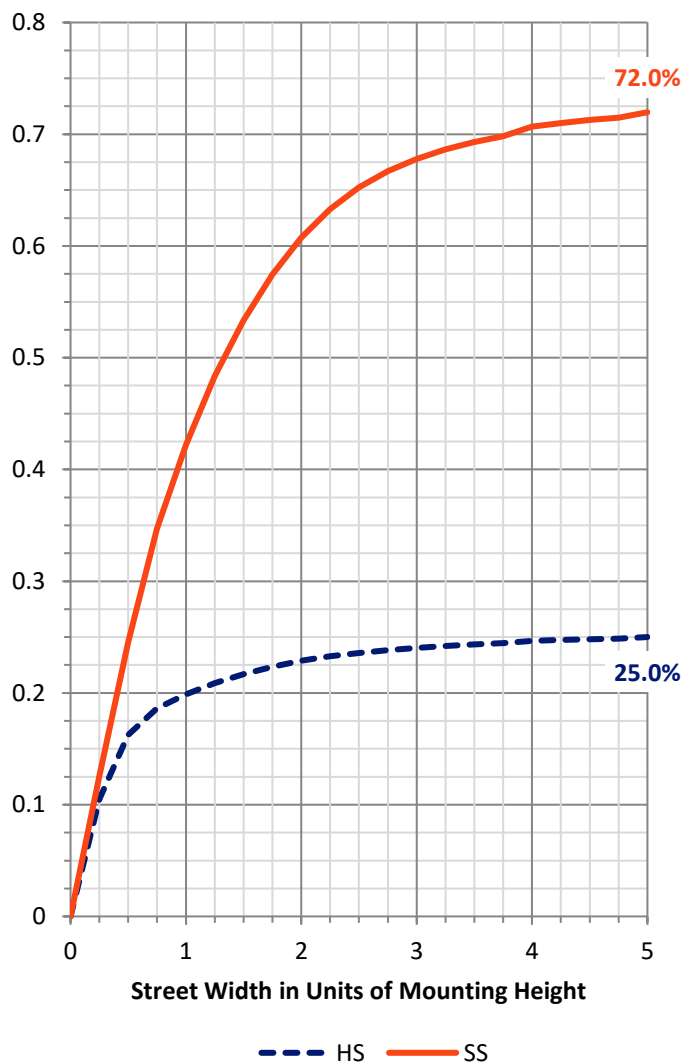
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1094.5   | 20.6   | 1115.0 |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 3136.1   | 50.8   | 3186.9 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 4230.5   | 71.4   | 4301.9 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 78.0   | 1.8       |
| 10°-20°   | 238.1  | 5.5       |
| 20°-30°   | 403.2  | 9.4       |
| 30°-40°   | 556.6  | 12.9      |
| 40°-50°   | 481.4  | 11.2      |
| 50°-60°   | 696.9  | 16.2      |
| 60°-70°   | 912.2  | 21.2      |
| 70°-80°   | 691.6  | 16.1      |
| 80°-90°   | 172.6  | 4.0       |
| 90°-100°  | 50.7   | 1.2       |
| 100°-110° | 11.8   | 0.3       |
| 110°-120° | 5.2    | 0.1       |
| 120°-130° | 3.4    | 0.1       |
| 130°-140° | 0.3    | 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°    | 4230.5 | 98.3      |
| 0°-180°   | 4301.9 | 100.0     |

**Coefficient of Utilization**



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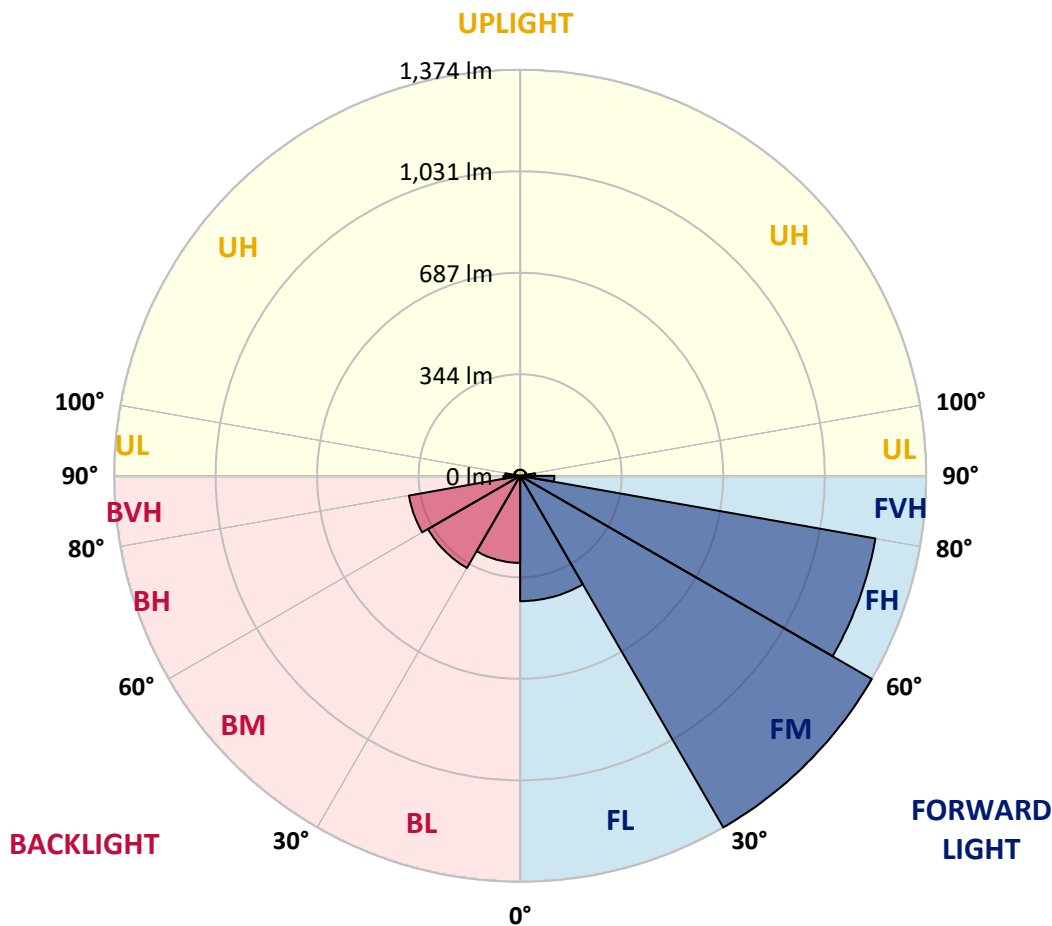
CATALOG NUMBER: CRTK2-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|----------------|--------|-----------|-------------------------|--------|---------|
|                |        |           | B                       | U      | G       |
| FL (0°-30°)    | 424.4  | 9.9       |                         |        |         |
| FM (30°-60°)   | 1374.5 | 32.0      |                         |        |         |
| FH (60°-80°)   | 1221.2 | 28.4      |                         |        | G1/1800 |
| FVH (80°-90°)  | 115.9  | 2.7       |                         |        | G2/225  |
| BL (0°-30°)    | 294.8  | 6.9       | B1/500                  |        |         |
| BM (30°-60°)   | 360.4  | 8.4       | B1/1000                 |        |         |
| BH (60°-80°)   | 382.7  | 8.9       | B1/500                  |        | G1/500  |
| BVH (80°-90°)  | 56.7   | 1.3       |                         |        | G1/100  |
| UL (90°-100°)  | 50.7   | 1.2       |                         | U3/500 |         |
| UH (100°-180°) | 20.7   | 0.5       |                         | U2/50  |         |

**BUG Rating: B1-U3-G2**

Type IV Short





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CATALOG NUMBER: CRTK2-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  | 791.1  |
| 2.5°   | 782.9  | 782.9  | 781.2  | 782.9  | 786.2  | 789.5  | 786.2  | 787.8  | 789.5  | 792.8  | 794.4  |
| 5°     | 812.5  | 810.9  | 807.6  | 804.3  | 801.0  | 801.0  | 797.7  | 796.1  | 799.4  | 809.3  | 812.5  |
| 7.5°   | 837.3  | 832.3  | 829.0  | 830.7  | 825.7  | 817.5  | 810.9  | 807.6  | 804.3  | 817.5  | 822.4  |
| 10°    | 876.8  | 873.5  | 862.0  | 852.1  | 845.5  | 832.3  | 817.5  | 815.8  | 814.2  | 827.4  | 830.7  |
| 12.5°  | 916.4  | 913.1  | 906.5  | 896.6  | 875.2  | 863.6  | 840.6  | 830.7  | 829.0  | 837.3  | 830.7  |
| 15°    | 974.1  | 967.5  | 949.3  | 939.5  | 918.0  | 899.9  | 871.9  | 857.0  | 860.3  | 848.8  | 845.5  |
| 17.5°  | 1007.0 | 1003.7 | 1002.1 | 987.3  | 970.8  | 939.5  | 913.1  | 891.7  | 898.3  | 871.9  | 862.0  |
| 20°    | 1043.3 | 1041.6 | 1044.9 | 1046.6 | 1025.2 | 997.1  | 964.2  | 931.2  | 932.9  | 898.3  | 878.5  |
| 22.5°  | 1089.4 | 1084.5 | 1091.1 | 1099.3 | 1081.2 | 1058.1 | 1015.3 | 988.9  | 975.7  | 929.6  | 906.5  |
| 25°    | 1143.8 | 1142.2 | 1142.2 | 1157.0 | 1153.7 | 1122.4 | 1081.2 | 1051.5 | 1038.3 | 975.7  | 941.1  |
| 27.5°  | 1199.9 | 1201.5 | 1204.8 | 1214.7 | 1219.6 | 1201.5 | 1162.0 | 1135.6 | 1110.9 | 1028.5 | 993.8  |
| 30°    | 1236.1 | 1236.1 | 1259.2 | 1274.0 | 1280.6 | 1280.6 | 1232.8 | 1213.1 | 1188.3 | 1096.0 | 1053.2 |
| 32.5°  | 1280.6 | 1283.9 | 1305.4 | 1330.1 | 1340.0 | 1353.1 | 1313.6 | 1298.8 | 1277.3 | 1180.1 | 1140.5 |
| 35°    | 1311.9 | 1316.9 | 1349.9 | 1387.8 | 1414.1 | 1420.7 | 1397.6 | 1404.2 | 1394.4 | 1290.5 | 1269.1 |
| 37.5°  | 1175.1 | 1188.3 | 1237.8 | 1311.9 | 1382.8 | 1452.0 | 1476.8 | 1509.7 | 1514.7 | 1394.4 | 1343.3 |
| 40°    | 1023.5 | 1028.5 | 1084.5 | 1138.9 | 1226.2 | 1282.3 | 1344.9 | 1417.4 | 1377.9 | 1247.7 | 1237.8 |
| 42.5°  | 908.1  | 929.6  | 1007.0 | 1048.2 | 1115.8 | 1129.0 | 1097.7 | 1051.5 | 980.7  | 969.1  | 964.2  |
| 45°    | 888.4  | 909.8  | 987.3  | 1054.8 | 1087.8 | 926.3  | 838.9  | 777.9  | 806.0  | 875.2  | 866.9  |
| 47.5°  | 980.7  | 1007.0 | 1087.8 | 1165.3 | 1097.7 | 918.0  | 860.3  | 858.7  | 835.6  | 954.3  | 975.7  |
| 50°    | 1036.7 | 1058.1 | 1152.1 | 1150.4 | 1096.0 | 1008.7 | 1040.0 | 1005.4 | 964.2  | 1166.9 | 1287.2 |
| 52.5°  | 1064.7 | 1084.5 | 1117.5 | 1158.7 | 1163.6 | 1157.0 | 1165.3 | 1137.2 | 1074.6 | 1354.8 | 1445.4 |
| 55°    | 987.3  | 1036.7 | 1180.1 | 1251.0 | 1280.6 | 1262.5 | 1267.4 | 1247.7 | 1206.5 | 1471.8 | 1610.3 |
| 57.5°  | 1236.1 | 1262.5 | 1315.2 | 1333.4 | 1351.5 | 1343.3 | 1349.9 | 1343.3 | 1305.4 | 1559.2 | 1694.3 |
| 60°    | 1379.5 | 1379.5 | 1402.6 | 1372.9 | 1382.8 | 1410.8 | 1430.6 | 1430.6 | 1391.1 | 1623.4 | 1728.9 |
| 62.5°  | 1532.8 | 1519.6 | 1430.6 | 1384.5 | 1396.0 | 1458.6 | 1488.3 | 1485.0 | 1443.8 | 1633.3 | 1737.2 |
| 65°    | 1503.1 | 1480.1 | 1448.7 | 1348.2 | 1361.4 | 1448.7 | 1489.9 | 1488.3 | 1445.4 | 1597.1 | 1710.8 |
| 67.5°  | 1282.3 | 1303.7 | 1341.6 | 1333.4 | 1300.4 | 1400.9 | 1465.2 | 1468.5 | 1419.1 | 1536.1 | 1663.0 |
| 70°    | 1110.9 | 1124.1 | 1147.1 | 1216.3 | 1231.2 | 1335.0 | 1437.2 | 1452.0 | 1386.1 | 1465.2 | 1595.4 |
| 72.5°  | 967.5  | 975.7  | 957.6  | 1028.5 | 1081.2 | 1218.0 | 1338.3 | 1366.3 | 1298.8 | 1343.3 | 1481.7 |
| 75°    | 827.4  | 809.3  | 787.8  | 819.1  | 860.3  | 1005.4 | 1152.1 | 1208.1 | 1148.8 | 1176.8 | 1313.6 |
| 77.5°  | 642.8  | 616.4  | 595.0  | 603.2  | 641.1  | 766.4  | 908.1  | 997.1  | 944.4  | 942.8  | 1051.5 |
| 80°    | 438.4  | 415.3  | 400.5  | 397.2  | 425.2  | 502.7  | 604.9  | 710.4  | 664.2  | 619.7  | 667.5  |
| 82.5°  | 273.6  | 273.6  | 260.4  | 240.6  | 239.0  | 253.8  | 273.6  | 300.0  | 283.5  | 276.9  | 291.7  |
| 85°    | 171.4  | 173.1  | 166.5  | 145.0  | 140.1  | 143.4  | 153.3  | 159.9  | 154.9  | 159.9  | 164.8  |
| 87.5°  | 120.3  | 118.7  | 110.4  | 107.1  | 105.5  | 110.4  | 118.7  | 122.0  | 122.0  | 126.9  | 126.9  |
| 90°    | 90.6   | 90.6   | 85.7   | 84.1   | 84.1   | 89.0   | 97.2   | 103.8  | 108.8  | 117.0  | 117.0  |
| 92.5°  | 75.8   | 75.8   | 72.5   | 70.9   | 70.9   | 72.5   | 79.1   | 87.4   | 92.3   | 100.5  | 97.2   |
| 95°    | 62.6   | 62.6   | 61.0   | 61.0   | 61.0   | 62.6   | 65.9   | 70.9   | 72.5   | 72.5   | 72.5   |
| 97.5°  | 49.4   | 47.8   | 46.1   | 46.1   | 46.1   | 47.8   | 49.4   | 54.4   | 56.0   | 51.1   | 51.1   |
| 100°   | 34.6   | 33.0   | 31.3   | 33.0   | 33.0   | 33.0   | 34.6   | 36.3   | 36.3   | 33.0   | 31.3   |
| 102.5° | 21.4   | 21.4   | 21.4   | 21.4   | 19.8   | 19.8   | 19.8   | 19.8   | 18.1   | 16.5   | 16.5   |
| 105°   | 14.8   | 14.8   | 13.2   | 13.2   | 13.2   | 13.2   | 11.5   | 11.5   | 11.5   | 9.9    | 9.9    |
| 107.5° | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 9.9    | 9.9    | 9.9    | 9.9    | 8.2    | 8.2    |
| 110°   | 9.9    | 9.9    | 9.9    | 9.9    | 9.9    | 9.9    | 9.9    | 8.2    | 8.2    | 6.6    | 6.6    |



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 CATALOG NUMBER: CRTK2-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 88° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 8.2 | 8.2 | 8.2 | 8.2 | 6.6 | 6.6 |
| 115°   | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.6 | 6.6 |
| 117.5° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 6.6 | 6.6 | 6.6 | 8.2 | 6.6 |
| 120°   | 8.2 | 8.2 | 8.2 | 8.2 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 122.5° | 8.2 | 8.2 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 125°   | 6.6 | 6.6 | 6.6 | 6.6 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 127.5° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 |
| 130°   | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 791.1  | 791.1  | 791.1 | 791.1 | 791.1 | 791.1 | 791.1 | 791.1 | 791.1 | 791.1 | 791.1 |
| 2.5°   | 794.4  | 797.7  | 804.3 | 812.5 | 819.1 | 824.1 | 827.4 | 830.7 | 830.7 | 827.4 | 830.7 |
| 5°     | 812.5  | 815.8  | 827.4 | 835.6 | 835.6 | 830.7 | 827.4 | 825.7 | 829.0 | 830.7 | 834.0 |
| 7.5°   | 827.4  | 830.7  | 825.7 | 829.0 | 832.3 | 827.4 | 820.8 | 815.8 | 810.9 | 806.0 | 809.3 |
| 10°    | 829.0  | 820.8  | 820.8 | 817.5 | 806.0 | 807.6 | 806.0 | 797.7 | 791.1 | 792.8 | 794.4 |
| 12.5°  | 827.4  | 824.1  | 810.9 | 804.3 | 799.4 | 782.9 | 776.3 | 781.2 | 771.3 | 776.3 | 769.7 |
| 15°    | 842.2  | 825.7  | 812.5 | 796.1 | 777.9 | 769.7 | 758.2 | 741.7 | 735.1 | 736.7 | 738.4 |
| 17.5°  | 852.1  | 835.6  | 804.3 | 774.6 | 764.8 | 738.4 | 725.2 | 717.0 | 705.4 | 707.1 | 713.7 |
| 20°    | 868.6  | 843.9  | 799.4 | 768.0 | 720.3 | 702.1 | 685.6 | 675.7 | 665.9 | 651.0 | 644.4 |
| 22.5°  | 891.7  | 860.3  | 792.8 | 735.1 | 693.9 | 662.6 | 626.3 | 601.6 | 588.4 | 578.5 | 576.9 |
| 25°    | 921.3  | 885.1  | 794.4 | 720.3 | 654.3 | 608.2 | 576.9 | 534.0 | 502.7 | 499.4 | 504.3 |
| 27.5°  | 975.7  | 913.1  | 804.3 | 697.2 | 621.4 | 550.5 | 492.8 | 463.1 | 426.9 | 418.6 | 418.6 |
| 30°    | 1028.5 | 957.6  | 797.7 | 677.4 | 565.3 | 486.2 | 408.7 | 352.7 | 332.9 | 318.1 | 316.4 |
| 32.5°  | 1125.7 | 1020.2 | 832.3 | 647.7 | 514.2 | 390.6 | 304.9 | 243.9 | 230.7 | 225.8 | 224.2 |
| 35°    | 1214.7 | 1105.9 | 835.6 | 609.8 | 438.4 | 303.3 | 219.2 | 178.0 | 169.8 | 164.8 | 163.2 |
| 37.5°  | 1310.3 | 1188.3 | 868.6 | 578.5 | 364.2 | 214.3 | 158.2 | 126.9 | 117.0 | 110.4 | 107.1 |
| 40°    | 1199.9 | 1089.4 | 853.8 | 525.8 | 270.3 | 136.8 | 98.9  | 69.2  | 59.3  | 59.3  | 59.3  |
| 42.5°  | 939.5  | 827.4  | 646.1 | 425.2 | 158.2 | 79.1  | 49.4  | 47.8  | 49.4  | 51.1  | 51.1  |
| 45°    | 832.3  | 685.6  | 395.6 | 225.8 | 65.9  | 44.5  | 39.6  | 37.9  | 42.9  | 47.8  | 49.4  |
| 47.5°  | 979.0  | 815.8  | 304.9 | 158.2 | 70.9  | 44.5  | 36.3  | 36.3  | 34.6  | 31.3  | 31.3  |
| 50°    | 1323.5 | 1101.0 | 349.4 | 181.3 | 89.0  | 49.4  | 36.3  | 31.3  | 31.3  | 33.0  | 34.6  |
| 52.5°  | 1493.2 | 1226.2 | 412.0 | 235.7 | 130.2 | 67.6  | 39.6  | 31.3  | 28.0  | 23.1  | 23.1  |
| 55°    | 1639.9 | 1325.1 | 487.9 | 304.9 | 191.2 | 105.5 | 56.0  | 33.0  | 28.0  | 23.1  | 21.4  |
| 57.5°  | 1687.7 | 1336.7 | 568.6 | 384.0 | 260.4 | 164.8 | 97.2  | 46.1  | 29.7  | 24.7  | 23.1  |
| 60°    | 1694.3 | 1349.9 | 629.6 | 468.1 | 339.5 | 240.6 | 159.9 | 84.1  | 37.9  | 29.7  | 28.0  |
| 62.5°  | 1702.6 | 1353.1 | 675.7 | 529.1 | 418.6 | 326.3 | 230.7 | 133.5 | 57.7  | 34.6  | 33.0  |
| 65°    | 1672.9 | 1313.6 | 664.2 | 515.9 | 441.7 | 360.9 | 265.4 | 156.6 | 65.9  | 39.6  | 37.9  |
| 67.5°  | 1623.4 | 1279.0 | 616.4 | 474.7 | 398.9 | 314.8 | 227.4 | 126.9 | 61.0  | 46.1  | 44.5  |
| 70°    | 1583.9 | 1244.4 | 591.7 | 471.4 | 369.2 | 275.2 | 182.9 | 92.3  | 72.5  | 62.6  | 59.3  |
| 72.5°  | 1486.6 | 1162.0 | 571.9 | 469.7 | 369.2 | 268.7 | 178.0 | 98.9  | 98.9  | 100.5 | 93.9  |
| 75°    | 1323.5 | 1038.3 | 542.2 | 456.5 | 360.9 | 267.0 | 171.4 | 107.1 | 107.1 | 95.6  | 90.6  |
| 77.5°  | 1092.7 | 850.5  | 479.6 | 417.0 | 328.0 | 235.7 | 140.1 | 89.0  | 85.7  | 74.2  | 70.9  |
| 80°    | 723.5  | 609.8  | 382.4 | 344.5 | 270.3 | 189.5 | 103.8 | 69.2  | 64.3  | 54.4  | 51.1  |
| 82.5°  | 324.7  | 291.7  | 242.3 | 243.9 | 194.5 | 135.1 | 70.9  | 47.8  | 44.5  | 36.3  | 34.6  |
| 85°    | 178.0  | 168.1  | 131.9 | 115.4 | 98.9  | 70.9  | 41.2  | 31.3  | 26.4  | 19.8  | 19.8  |
| 87.5°  | 135.1  | 130.2  | 97.2  | 75.8  | 57.7  | 41.2  | 26.4  | 19.8  | 14.8  | 9.9   | 8.2   |
| 90°    | 123.6  | 117.0  | 79.1  | 61.0  | 46.1  | 33.0  | 21.4  | 13.2  | 9.9   | 6.6   | 4.9   |
| 92.5°  | 103.8  | 98.9   | 64.3  | 51.1  | 39.6  | 29.7  | 18.1  | 9.9   | 6.6   | 3.3   | 3.3   |
| 95°    | 75.8   | 74.2   | 47.8  | 39.6  | 31.3  | 24.7  | 14.8  | 8.2   | 4.9   | 3.3   | 1.6   |
| 97.5°  | 51.1   | 49.4   | 34.6  | 29.7  | 24.7  | 18.1  | 11.5  | 6.6   | 3.3   | 1.6   | 1.6   |
| 100°   | 31.3   | 31.3   | 21.4  | 19.8  | 16.5  | 13.2  | 8.2   | 4.9   | 3.3   | 1.6   | 1.6   |
| 102.5° | 16.5   | 14.8   | 11.5  | 11.5  | 9.9   | 8.2   | 6.6   | 3.3   | 1.6   | 0.0   | 0.0   |
| 105°   | 9.9    | 8.2    | 8.2   | 6.6   | 6.6   | 4.9   | 4.9   | 3.3   | 1.6   | 0.0   | 0.0   |
| 107.5° | 8.2    | 6.6    | 6.6   | 4.9   | 4.9   | 3.3   | 3.3   | 1.6   | 1.6   | 0.0   | 0.0   |
| 110°   | 6.6    | 6.6    | 4.9   | 4.9   | 3.3   | 3.3   | 3.3   | 1.6   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P691247  
 CATALOG NUMBER: CRTK2-C015-5TLD-U-T3-7050-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 6.6 | 4.9 | 4.9  | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 115°   | 6.6 | 4.9 | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 117.5° | 6.6 | 4.9 | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 120°   | 6.6 | 4.9 | 3.3  | 3.3  | 1.6  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 122.5° | 6.6 | 4.9 | 3.3  | 3.3  | 1.6  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 125°   | 4.9 | 3.3 | 3.3  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 127.5° | 4.9 | 3.3 | 3.3  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 0.0  | 0.0  | 0.0  |
| 130°   | 3.3 | 3.3 | 3.3  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 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)