

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: P691331

Luminaire Tested: **CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691331  
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-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K 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: 3825 lumens  
Efficiency: N/A  
Efficacy: 127.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U2 - G2  
  
Input Watts (W): 29.9  
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



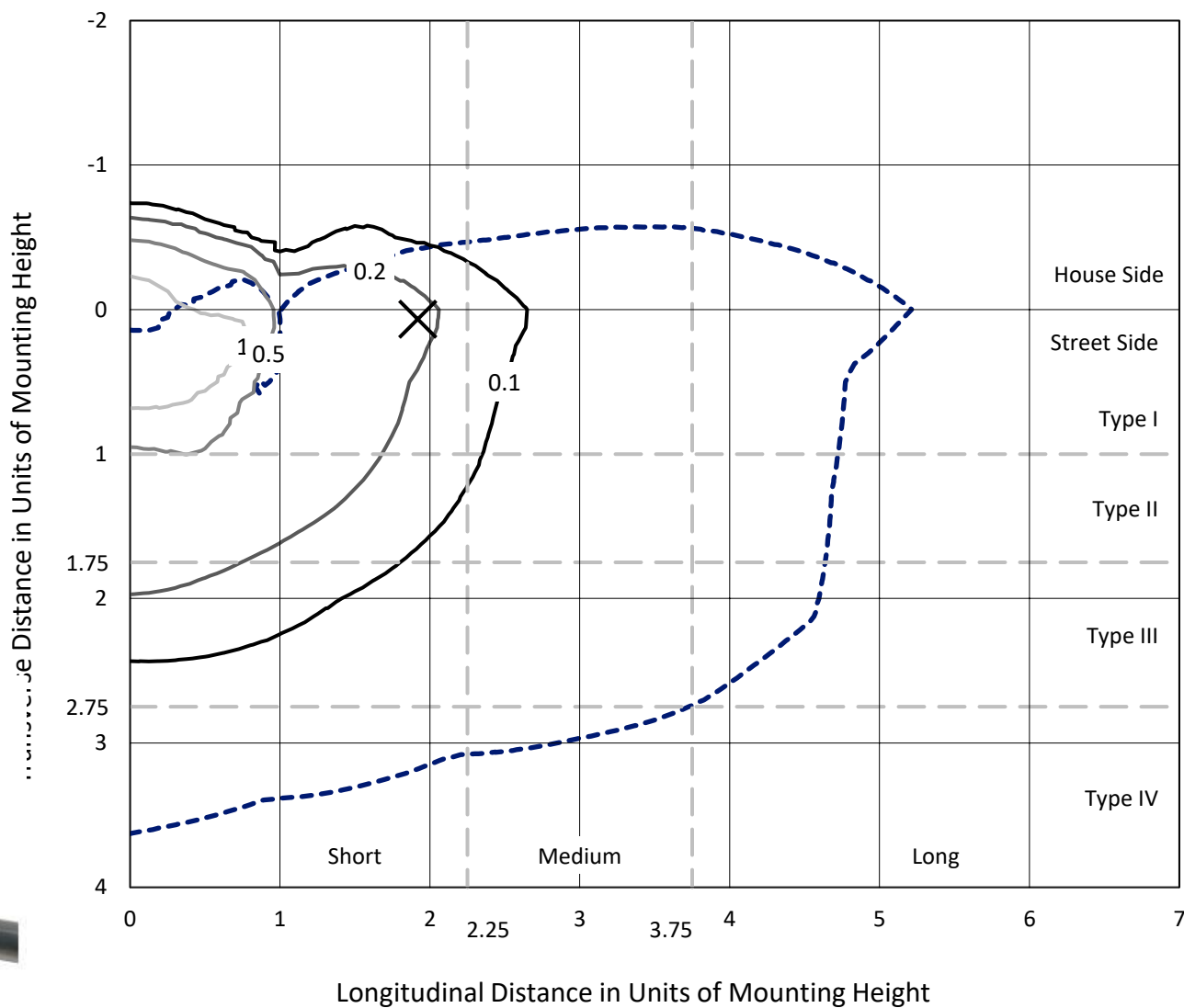
REPORT NUMBER: P691331

CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

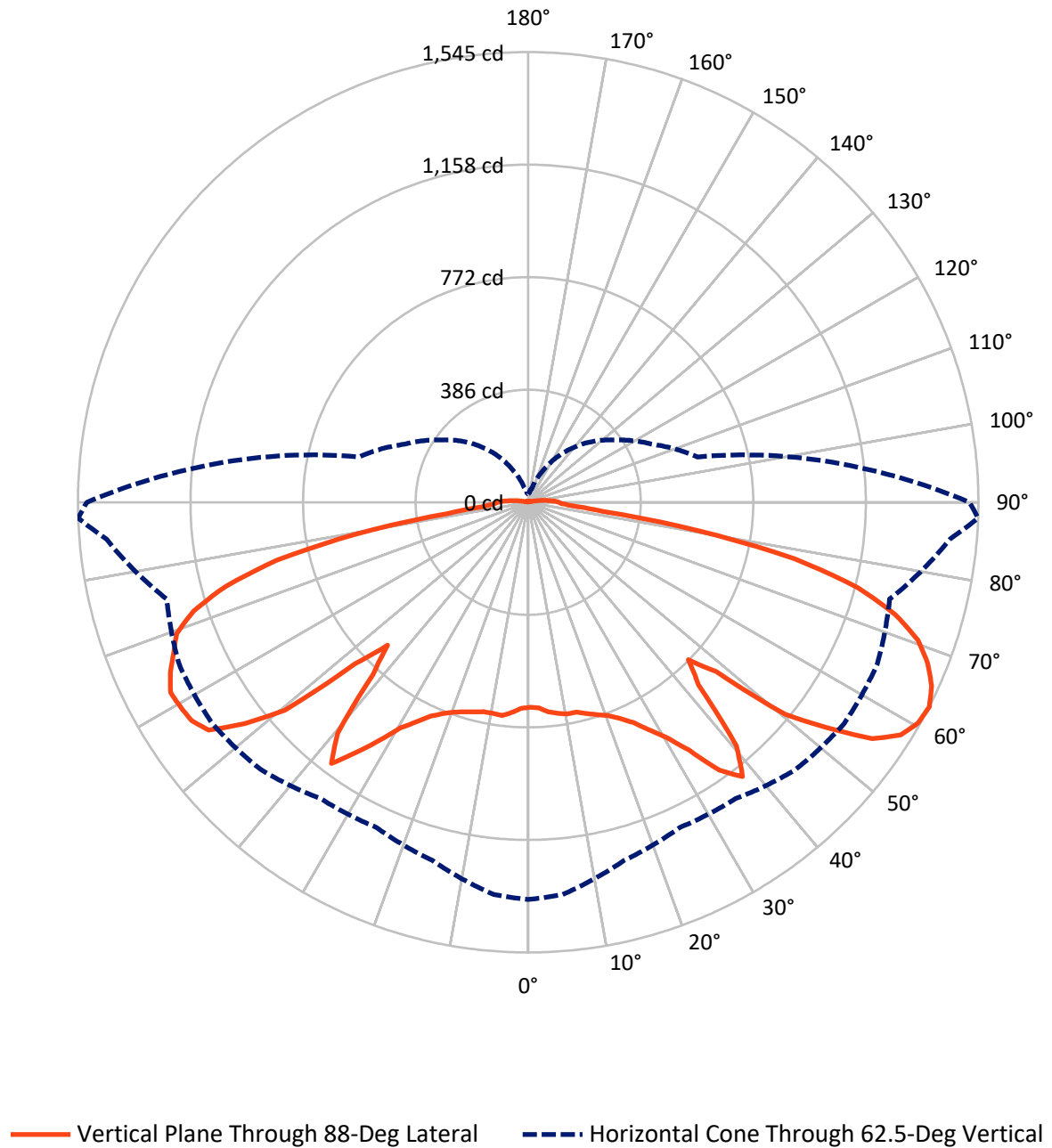


Based on 25 foot mounting height. Maximum calculated value = 1.2 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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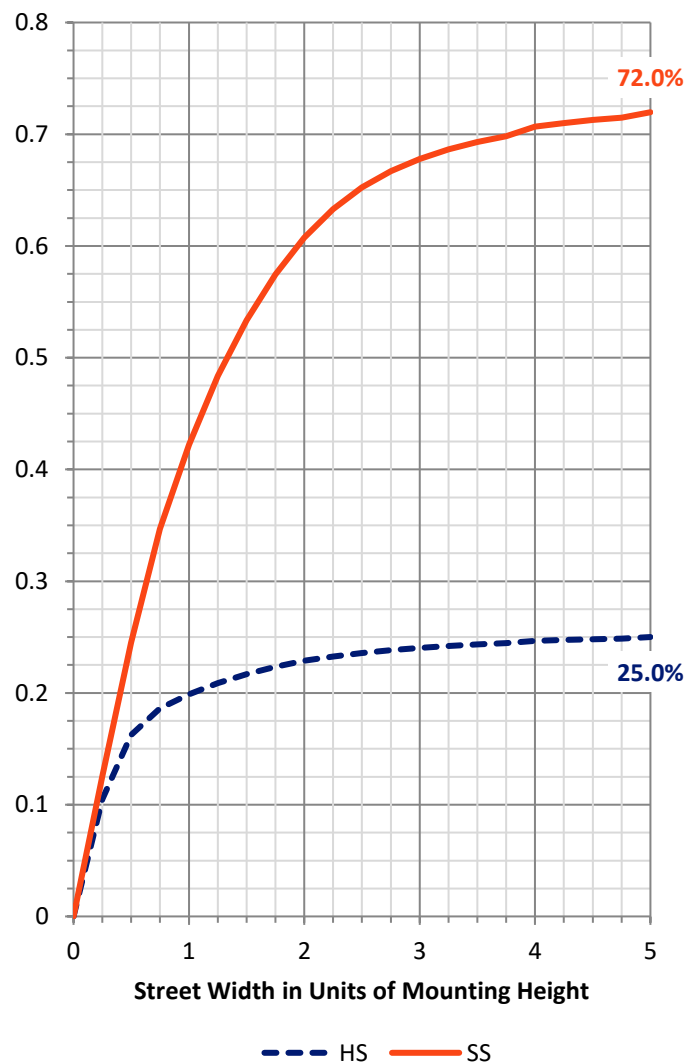
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 973.1    | 18.4   | 991.5  |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 2788.3   | 45.2   | 2833.6 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 3761.4   | 63.6   | 3825.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 69.3   | 1.8       |
| 10°-20°   | 211.7  | 5.5       |
| 20°-30°   | 358.5  | 9.4       |
| 30°-40°   | 494.9  | 12.9      |
| 40°-50°   | 428.0  | 11.2      |
| 50°-60°   | 619.6  | 16.2      |
| 60°-70°   | 811.1  | 21.2      |
| 70°-80°   | 615.0  | 16.1      |
| 80°-90°   | 153.4  | 4.0       |
| 90°-100°  | 45.1   | 1.2       |
| 100°-110° | 10.5   | 0.3       |
| 110°-120° | 4.7    | 0.1       |
| 120°-130° | 3.0    | 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°    | 3761.4 | 98.3      |
| 0°-180°   | 3825.0 | 100.0     |

**Coefficient of Utilization**



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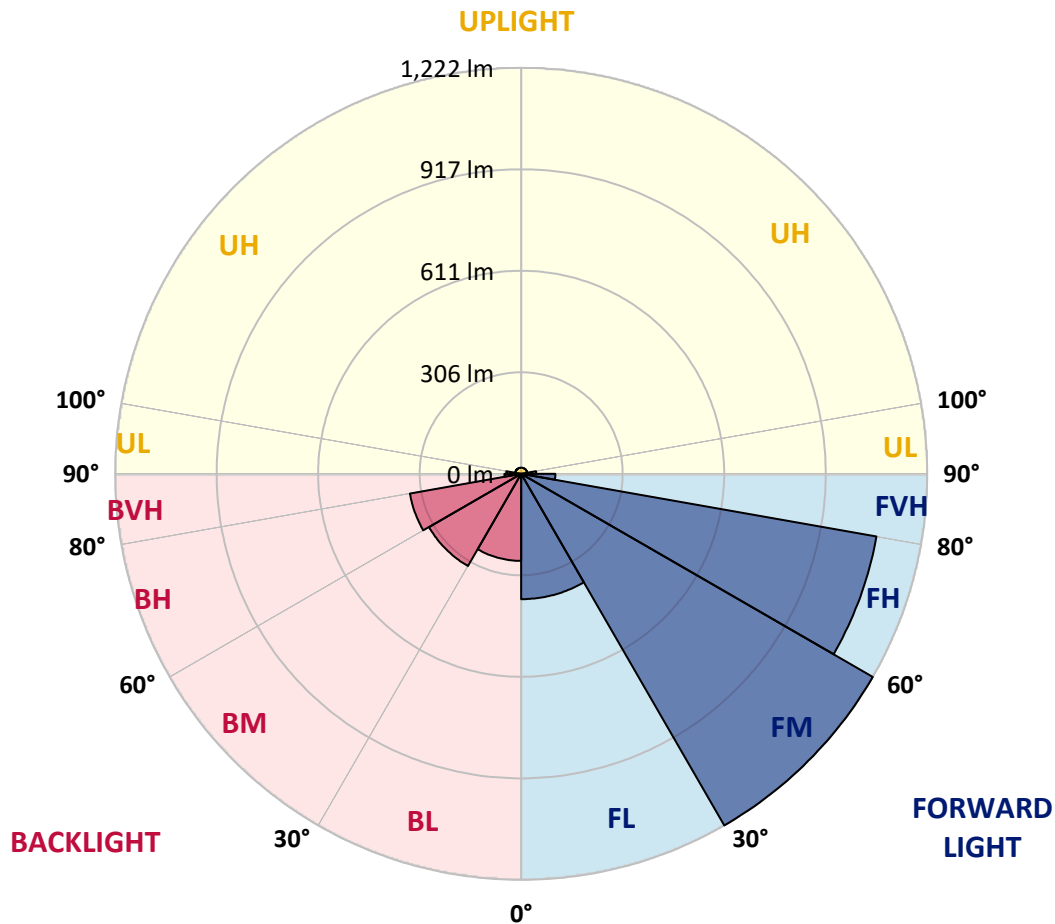
CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 377.4  | 9.9       |                         |       |         |
| FM   | (30°-60°)   | 1222.1 | 31.9      |                         |       |         |
| FH   | (60°-80°)   | 1085.8 | 28.4      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 103.1  | 2.7       |                         |       | G2/225  |
| BL   | (0°-30°)    | 262.1  | 6.9       | B1/500                  |       |         |
| BM   | (30°-60°)   | 320.4  | 8.4       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 340.2  | 8.9       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 50.4   | 1.3       |                         |       | G1/100  |
| UL   | (90°-100°)  | 45.1   | 1.2       |                         | U2/50 |         |
| UH   | (100°-180°) | 18.5   | 0.5       |                         | U2/50 |         |

**BUG Rating: B1-U2-G2**

Type IV Short



REPORT NUMBER: P691331

CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  | 703.4  |
| 2.5°   | 696.1  | 696.1  | 694.6  | 696.1  | 699.0  | 701.9  | 699.0  | 700.5  | 701.9  | 704.9  | 706.3  |
| 5°     | 722.5  | 721.0  | 718.1  | 715.1  | 712.2  | 712.2  | 709.3  | 707.8  | 710.7  | 719.5  | 722.5  |
| 7.5°   | 744.4  | 740.0  | 737.1  | 738.6  | 734.2  | 726.8  | 721.0  | 718.1  | 715.1  | 726.8  | 731.2  |
| 10°    | 779.6  | 776.7  | 766.4  | 757.6  | 751.8  | 740.0  | 726.8  | 725.4  | 723.9  | 735.6  | 738.6  |
| 12.5°  | 814.8  | 811.8  | 806.0  | 797.2  | 778.1  | 767.9  | 747.4  | 738.6  | 737.1  | 744.4  | 738.6  |
| 15°    | 866.1  | 860.2  | 844.1  | 835.3  | 816.2  | 800.1  | 775.2  | 762.0  | 765.0  | 754.7  | 751.8  |
| 17.5°  | 895.4  | 892.4  | 891.0  | 877.8  | 863.1  | 835.3  | 811.8  | 792.8  | 798.7  | 775.2  | 766.4  |
| 20°    | 927.6  | 926.1  | 929.1  | 930.5  | 911.5  | 886.6  | 857.3  | 828.0  | 829.4  | 798.7  | 781.1  |
| 22.5°  | 968.6  | 964.2  | 970.1  | 977.4  | 961.3  | 940.8  | 902.7  | 879.3  | 867.5  | 826.5  | 806.0  |
| 25°    | 1017.0 | 1015.5 | 1015.5 | 1028.7 | 1025.8 | 998.0  | 961.3  | 934.9  | 923.2  | 867.5  | 836.8  |
| 27.5°  | 1066.8 | 1068.3 | 1071.2 | 1080.0 | 1084.4 | 1068.3 | 1033.1 | 1009.7 | 987.7  | 914.4  | 883.6  |
| 30°    | 1099.1 | 1099.1 | 1119.6 | 1132.8 | 1138.6 | 1138.6 | 1096.1 | 1078.6 | 1056.6 | 974.5  | 936.4  |
| 32.5°  | 1138.6 | 1141.6 | 1160.6 | 1182.6 | 1191.4 | 1203.1 | 1167.9 | 1154.8 | 1135.7 | 1049.2 | 1014.1 |
| 35°    | 1166.5 | 1170.9 | 1200.2 | 1233.9 | 1257.3 | 1263.2 | 1242.7 | 1248.5 | 1239.7 | 1147.4 | 1128.4 |
| 37.5°  | 1044.8 | 1056.6 | 1100.5 | 1166.5 | 1229.5 | 1291.0 | 1313.0 | 1342.3 | 1346.7 | 1239.7 | 1194.3 |
| 40°    | 910.0  | 914.4  | 964.2  | 1012.6 | 1090.3 | 1140.1 | 1195.8 | 1260.3 | 1225.1 | 1109.3 | 1100.5 |
| 42.5°  | 807.4  | 826.5  | 895.4  | 932.0  | 992.1  | 1003.8 | 976.0  | 934.9  | 871.9  | 861.7  | 857.3  |
| 45°    | 789.9  | 808.9  | 877.8  | 937.9  | 967.2  | 823.6  | 745.9  | 691.7  | 716.6  | 778.1  | 770.8  |
| 47.5°  | 871.9  | 895.4  | 967.2  | 1036.1 | 976.0  | 816.2  | 765.0  | 763.5  | 743.0  | 848.5  | 867.5  |
| 50°    | 921.8  | 940.8  | 1024.3 | 1022.9 | 974.5  | 896.8  | 924.7  | 893.9  | 857.3  | 1037.5 | 1144.5 |
| 52.5°  | 946.7  | 964.2  | 993.6  | 1030.2 | 1034.6 | 1028.7 | 1036.1 | 1011.1 | 955.5  | 1204.6 | 1285.2 |
| 55°    | 877.8  | 921.8  | 1049.2 | 1112.3 | 1138.6 | 1122.5 | 1126.9 | 1109.3 | 1072.7 | 1308.6 | 1431.7 |
| 57.5°  | 1099.1 | 1122.5 | 1169.4 | 1185.5 | 1201.6 | 1194.3 | 1200.2 | 1194.3 | 1160.6 | 1386.3 | 1506.5 |
| 60°    | 1226.6 | 1226.6 | 1247.1 | 1220.7 | 1229.5 | 1254.4 | 1272.0 | 1272.0 | 1236.8 | 1443.4 | 1537.2 |
| 62.5°  | 1362.8 | 1351.1 | 1272.0 | 1231.0 | 1241.2 | 1296.9 | 1323.3 | 1320.3 | 1283.7 | 1452.2 | 1544.6 |
| 65°    | 1336.5 | 1315.9 | 1288.1 | 1198.7 | 1210.4 | 1288.1 | 1324.7 | 1323.3 | 1285.2 | 1420.0 | 1521.1 |
| 67.5°  | 1140.1 | 1159.1 | 1192.9 | 1185.5 | 1156.2 | 1245.6 | 1302.8 | 1305.7 | 1261.7 | 1365.8 | 1478.6 |
| 70°    | 987.7  | 999.4  | 1019.9 | 1081.5 | 1094.7 | 1187.0 | 1277.8 | 1291.0 | 1232.4 | 1302.8 | 1418.5 |
| 72.5°  | 860.2  | 867.5  | 851.4  | 914.4  | 961.3  | 1082.9 | 1189.9 | 1214.8 | 1154.8 | 1194.3 | 1317.4 |
| 75°    | 735.6  | 719.5  | 700.5  | 728.3  | 765.0  | 893.9  | 1024.3 | 1074.2 | 1021.4 | 1046.3 | 1167.9 |
| 77.5°  | 571.5  | 548.1  | 529.0  | 536.3  | 570.0  | 681.4  | 807.4  | 886.6  | 839.7  | 838.2  | 934.9  |
| 80°    | 389.8  | 369.3  | 356.1  | 353.2  | 378.1  | 447.0  | 537.8  | 631.6  | 590.6  | 551.0  | 593.5  |
| 82.5°  | 243.3  | 243.3  | 231.5  | 214.0  | 212.5  | 225.7  | 243.3  | 266.7  | 252.1  | 246.2  | 259.4  |
| 85°    | 152.4  | 153.9  | 148.0  | 129.0  | 124.6  | 127.5  | 136.3  | 142.1  | 137.7  | 142.1  | 146.5  |
| 87.5°  | 107.0  | 105.5  | 98.2   | 95.3   | 93.8   | 98.2   | 105.5  | 108.4  | 108.4  | 112.8  | 112.8  |
| 90°    | 80.6   | 80.6   | 76.2   | 74.7   | 74.7   | 79.1   | 86.5   | 92.3   | 96.7   | 104.0  | 104.0  |
| 92.5°  | 67.4   | 67.4   | 64.5   | 63.0   | 63.0   | 64.5   | 70.3   | 77.7   | 82.1   | 89.4   | 86.5   |
| 95°    | 55.7   | 55.7   | 54.2   | 54.2   | 54.2   | 55.7   | 58.6   | 63.0   | 64.5   | 64.5   | 64.5   |
| 97.5°  | 44.0   | 42.5   | 41.0   | 41.0   | 41.0   | 42.5   | 44.0   | 48.4   | 49.8   | 45.4   | 45.4   |
| 100°   | 30.8   | 29.3   | 27.8   | 29.3   | 29.3   | 29.3   | 30.8   | 32.2   | 32.2   | 29.3   | 27.8   |
| 102.5° | 19.1   | 19.1   | 19.1   | 19.1   | 17.6   | 17.6   | 17.6   | 17.6   | 16.1   | 14.7   | 14.7   |
| 105°   | 13.2   | 13.2   | 11.7   | 11.7   | 11.7   | 11.7   | 10.3   | 10.3   | 10.3   | 8.8    | 8.8    |
| 107.5° | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 8.8    | 8.8    | 8.8    | 8.8    | 7.3    | 7.3    |
| 110°   | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 8.8    | 7.3    | 7.3    | 5.9    | 5.9    |

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CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 88° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 7.3 | 7.3 | 7.3 | 7.3 | 5.9 | 5.9 |
| 115°   | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 5.9 | 5.9 |
| 117.5° | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 5.9 | 5.9 | 5.9 | 7.3 | 5.9 |
| 120°   | 7.3 | 7.3 | 7.3 | 7.3 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 122.5° | 7.3 | 7.3 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 125°   | 5.9 | 5.9 | 5.9 | 5.9 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 127.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 130°   | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 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-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 703.4  | 703.4  | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 | 703.4 |
| 2.5°   | 706.3  | 709.3  | 715.1 | 722.5 | 728.3 | 732.7 | 735.6 | 738.6 | 738.6 | 735.6 | 738.6 |
| 5°     | 722.5  | 725.4  | 735.6 | 743.0 | 743.0 | 738.6 | 735.6 | 734.2 | 737.1 | 738.6 | 741.5 |
| 7.5°   | 735.6  | 738.6  | 734.2 | 737.1 | 740.0 | 735.6 | 729.8 | 725.4 | 721.0 | 716.6 | 719.5 |
| 10°    | 737.1  | 729.8  | 729.8 | 726.8 | 716.6 | 718.1 | 716.6 | 709.3 | 703.4 | 704.9 | 706.3 |
| 12.5°  | 735.6  | 732.7  | 721.0 | 715.1 | 710.7 | 696.1 | 690.2 | 694.6 | 685.8 | 690.2 | 684.4 |
| 15°    | 748.8  | 734.2  | 722.5 | 707.8 | 691.7 | 684.4 | 674.1 | 659.4 | 653.6 | 655.0 | 656.5 |
| 17.5°  | 757.6  | 743.0  | 715.1 | 688.7 | 680.0 | 656.5 | 644.8 | 637.5 | 627.2 | 628.7 | 634.5 |
| 20°    | 772.3  | 750.3  | 710.7 | 682.9 | 640.4 | 624.3 | 609.6 | 600.8 | 592.0 | 578.8 | 573.0 |
| 22.5°  | 792.8  | 765.0  | 704.9 | 653.6 | 616.9 | 589.1 | 556.9 | 534.9 | 523.2 | 514.4 | 512.9 |
| 25°    | 819.2  | 786.9  | 706.3 | 640.4 | 581.8 | 540.7 | 512.9 | 474.8 | 447.0 | 444.0 | 448.4 |
| 27.5°  | 867.5  | 811.8  | 715.1 | 619.9 | 552.5 | 489.5 | 438.2 | 411.8 | 379.5 | 372.2 | 372.2 |
| 30°    | 914.4  | 851.4  | 709.3 | 602.3 | 502.6 | 432.3 | 363.4 | 313.6 | 296.0 | 282.8 | 281.4 |
| 32.5°  | 1000.9 | 907.1  | 740.0 | 575.9 | 457.2 | 347.3 | 271.1 | 216.9 | 205.2 | 200.8 | 199.3 |
| 35°    | 1080.0 | 983.3  | 743.0 | 542.2 | 389.8 | 269.6 | 194.9 | 158.3 | 150.9 | 146.5 | 145.1 |
| 37.5°  | 1165.0 | 1056.6 | 772.3 | 514.4 | 323.9 | 190.5 | 140.7 | 112.8 | 104.0 | 98.2  | 95.3  |
| 40°    | 1066.8 | 968.6  | 759.1 | 467.5 | 240.3 | 121.6 | 87.9  | 61.5  | 52.8  | 52.8  | 52.8  |
| 42.5°  | 835.3  | 735.6  | 574.4 | 378.1 | 140.7 | 70.3  | 44.0  | 42.5  | 44.0  | 45.4  | 45.4  |
| 45°    | 740.0  | 609.6  | 351.7 | 200.8 | 58.6  | 39.6  | 35.2  | 33.7  | 38.1  | 42.5  | 44.0  |
| 47.5°  | 870.5  | 725.4  | 271.1 | 140.7 | 63.0  | 39.6  | 32.2  | 32.2  | 30.8  | 27.8  | 27.8  |
| 50°    | 1176.7 | 978.9  | 310.7 | 161.2 | 79.1  | 44.0  | 32.2  | 27.8  | 27.8  | 29.3  | 30.8  |
| 52.5°  | 1327.7 | 1090.3 | 366.4 | 209.6 | 115.8 | 60.1  | 35.2  | 27.8  | 24.9  | 20.5  | 20.5  |
| 55°    | 1458.1 | 1178.2 | 433.8 | 271.1 | 170.0 | 93.8  | 49.8  | 29.3  | 24.9  | 20.5  | 19.1  |
| 57.5°  | 1500.6 | 1188.5 | 505.6 | 341.4 | 231.5 | 146.5 | 86.5  | 41.0  | 26.4  | 22.0  | 20.5  |
| 60°    | 1506.5 | 1200.2 | 559.8 | 416.2 | 301.9 | 214.0 | 142.1 | 74.7  | 33.7  | 26.4  | 24.9  |
| 62.5°  | 1513.8 | 1203.1 | 600.8 | 470.4 | 372.2 | 290.2 | 205.2 | 118.7 | 51.3  | 30.8  | 29.3  |
| 65°    | 1487.4 | 1167.9 | 590.6 | 458.7 | 392.7 | 320.9 | 235.9 | 139.2 | 58.6  | 35.2  | 33.7  |
| 67.5°  | 1443.4 | 1137.2 | 548.1 | 422.0 | 354.6 | 279.9 | 202.2 | 112.8 | 54.2  | 41.0  | 39.6  |
| 70°    | 1408.3 | 1106.4 | 526.1 | 419.1 | 328.3 | 244.7 | 162.7 | 82.1  | 64.5  | 55.7  | 52.8  |
| 72.5°  | 1321.8 | 1033.1 | 508.5 | 417.6 | 328.3 | 238.9 | 158.3 | 87.9  | 87.9  | 89.4  | 83.5  |
| 75°    | 1176.7 | 923.2  | 482.1 | 405.9 | 320.9 | 237.4 | 152.4 | 95.3  | 95.3  | 85.0  | 80.6  |
| 77.5°  | 971.6  | 756.2  | 426.4 | 370.8 | 291.6 | 209.6 | 124.6 | 79.1  | 76.2  | 65.9  | 63.0  |
| 80°    | 643.3  | 542.2  | 340.0 | 306.3 | 240.3 | 168.5 | 92.3  | 61.5  | 57.2  | 48.4  | 45.4  |
| 82.5°  | 288.7  | 259.4  | 215.4 | 216.9 | 172.9 | 120.2 | 63.0  | 42.5  | 39.6  | 32.2  | 30.8  |
| 85°    | 158.3  | 149.5  | 117.2 | 102.6 | 87.9  | 63.0  | 36.6  | 27.8  | 23.4  | 17.6  | 17.6  |
| 87.5°  | 120.2  | 115.8  | 86.5  | 67.4  | 51.3  | 36.6  | 23.4  | 17.6  | 13.2  | 8.8   | 7.3   |
| 90°    | 109.9  | 104.0  | 70.3  | 54.2  | 41.0  | 29.3  | 19.1  | 11.7  | 8.8   | 5.9   | 4.4   |
| 92.5°  | 92.3   | 87.9   | 57.2  | 45.4  | 35.2  | 26.4  | 16.1  | 8.8   | 5.9   | 2.9   | 2.9   |
| 95°    | 67.4   | 65.9   | 42.5  | 35.2  | 27.8  | 22.0  | 13.2  | 7.3   | 4.4   | 2.9   | 1.5   |
| 97.5°  | 45.4   | 44.0   | 30.8  | 26.4  | 22.0  | 16.1  | 10.3  | 5.9   | 2.9   | 1.5   | 1.5   |
| 100°   | 27.8   | 27.8   | 19.1  | 17.6  | 14.7  | 11.7  | 7.3   | 4.4   | 2.9   | 1.5   | 1.5   |
| 102.5° | 14.7   | 13.2   | 10.3  | 10.3  | 8.8   | 7.3   | 5.9   | 2.9   | 1.5   | 0.0   | 0.0   |
| 105°   | 8.8    | 7.3    | 7.3   | 5.9   | 5.9   | 4.4   | 4.4   | 2.9   | 1.5   | 0.0   | 0.0   |
| 107.5° | 7.3    | 5.9    | 5.9   | 4.4   | 4.4   | 2.9   | 2.9   | 1.5   | 1.5   | 0.0   | 0.0   |
| 110°   | 5.9    | 5.9    | 4.4   | 4.4   | 2.9   | 2.9   | 2.9   | 1.5   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P691331

CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 5.9 | 4.4 | 4.4  | 2.9  | 2.9  | 2.9  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 115°   | 5.9 | 4.4 | 2.9  | 2.9  | 2.9  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 117.5° | 5.9 | 4.4 | 2.9  | 2.9  | 2.9  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 120°   | 5.9 | 4.4 | 2.9  | 2.9  | 1.5  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 122.5° | 5.9 | 4.4 | 2.9  | 2.9  | 1.5  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 125°   | 4.4 | 2.9 | 2.9  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 127.5° | 4.4 | 2.9 | 2.9  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 0.0  | 0.0  | 0.0  |
| 130°   | 2.9 | 2.9 | 2.9  | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 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)