

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: P691324

Luminaire Tested: **CRTK2-C015-D-U-T3-7030-SR-CARETAKER**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691324  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C015-D-U-T3-7030-SR-CARETAKER  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 3000K LED WITH TYPE III OPTIC AND SR REFRACTOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4299 lumens  
Efficiency: N/A  
Efficacy: 143.8 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type III - Short  
BUG Rating: B2 - U3 - 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



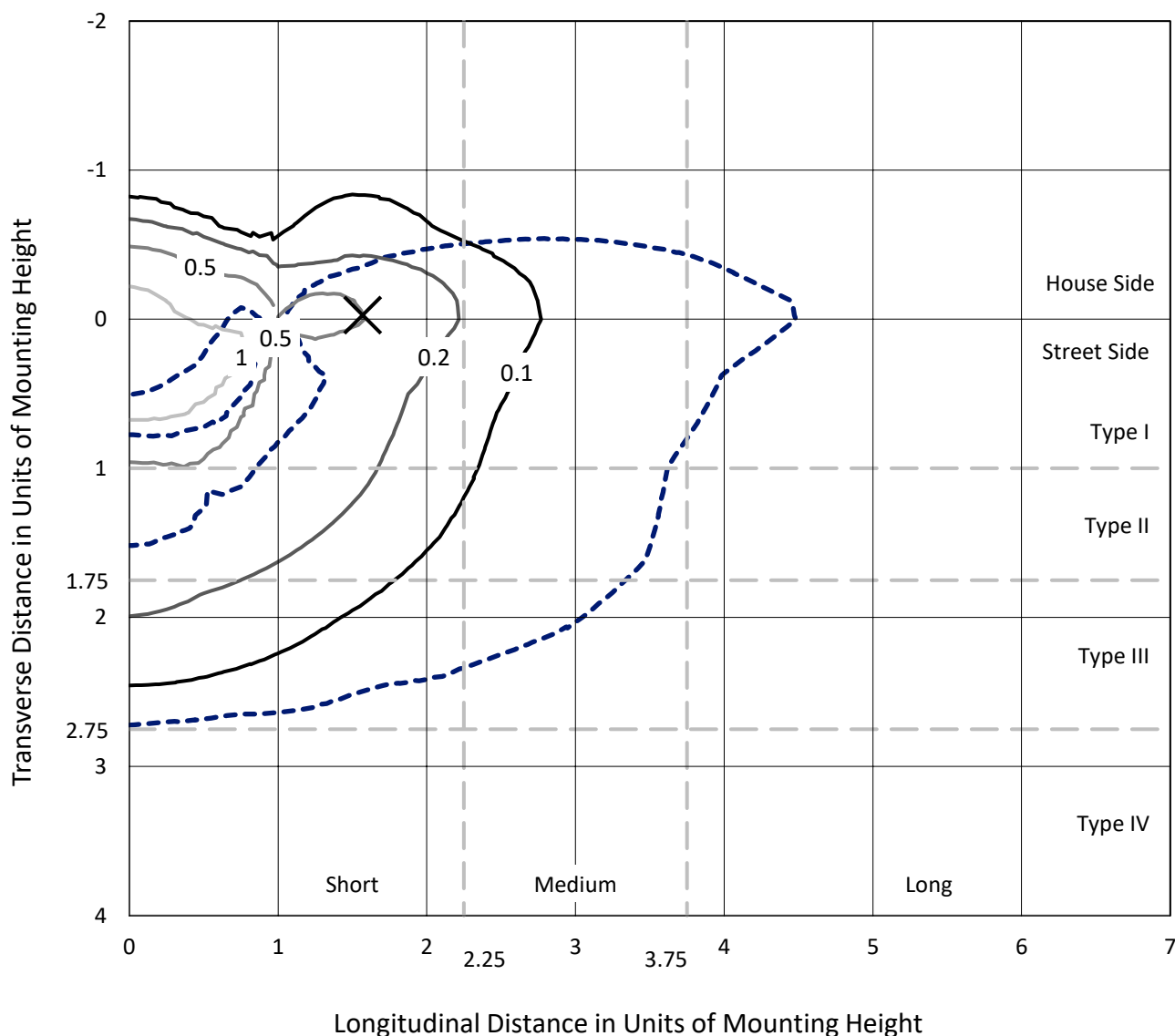
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



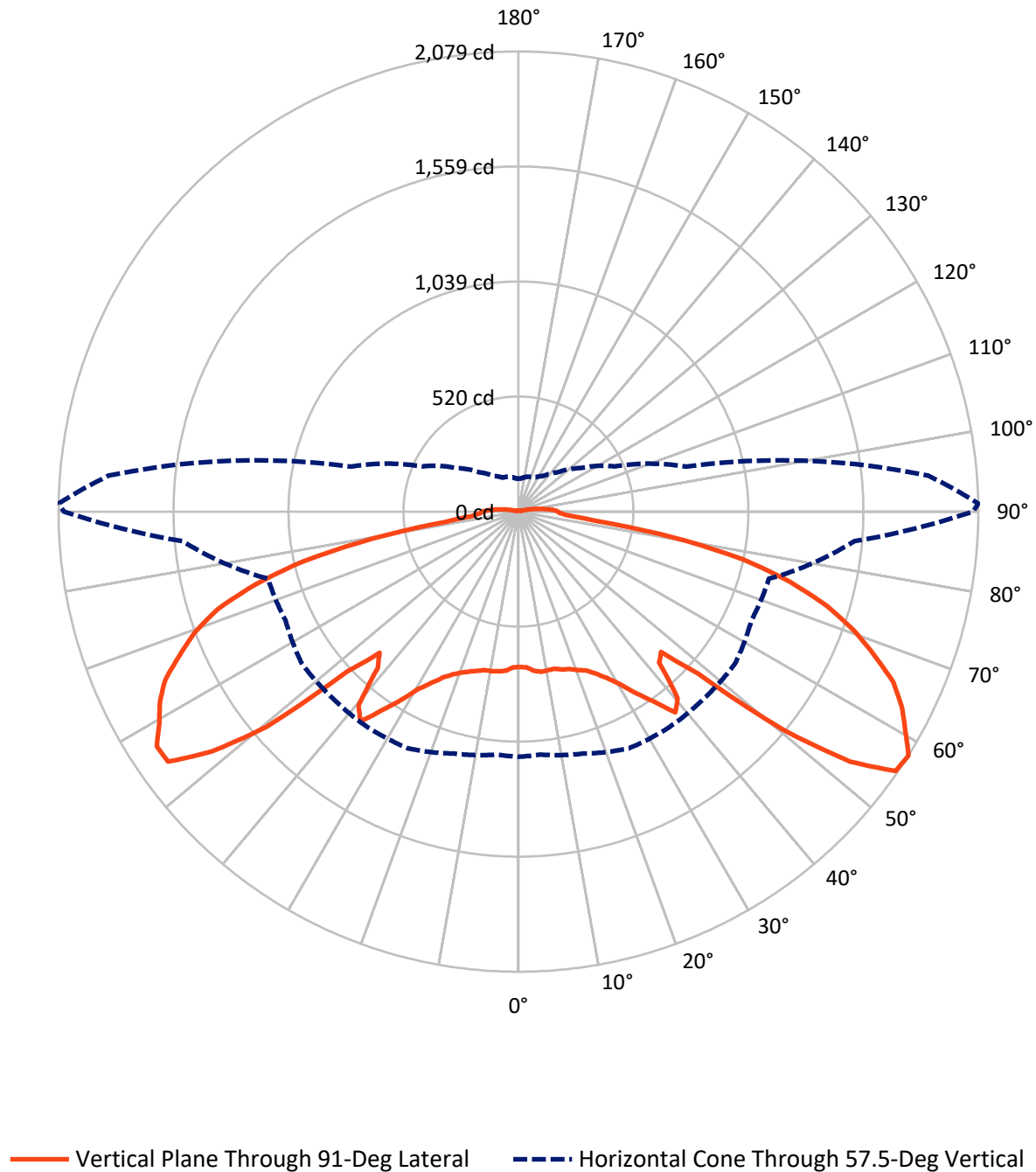
Based on 25 foot mounting height. Maximum calculated value = 1.2 fc

Type III - Short - N/A

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## Luminous Intensity Polar Plot



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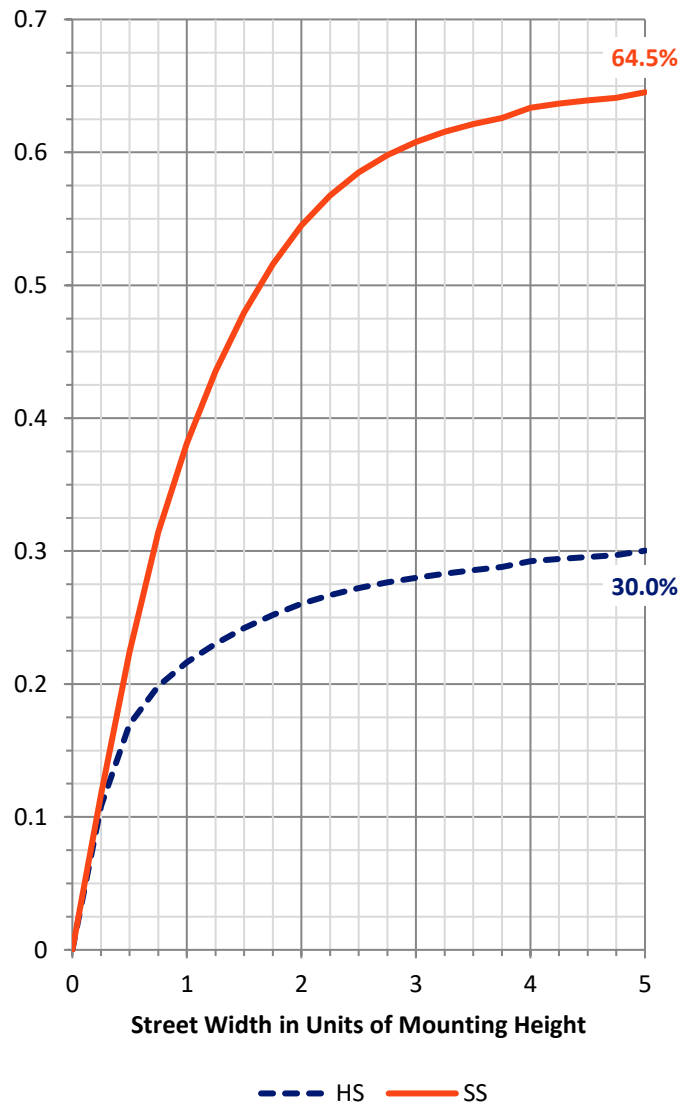
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1364.6   | 66.3   | 1430.9 |
|                    | % Fixture | 31.7     | 1.5    | 33.3   |
| <b>Street Side</b> | Lumens    | 2811.3   | 56.8   | 2868.1 |
|                    | % Fixture | 65.4     | 1.3    | 66.7   |
| <b>Total</b>       | Lumens    | 4175.9   | 123.1  | 4299.0 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 68.7   | 1.6       |
| 10°-20°   | 208.9  | 4.9       |
| 20°-30°   | 355.2  | 8.3       |
| 30°-40°   | 499.8  | 11.6      |
| 40°-50°   | 474.6  | 11.0      |
| 50°-60°   | 711.0  | 16.5      |
| 60°-70°   | 920.1  | 21.4      |
| 70°-80°   | 696.3  | 16.2      |
| 80°-90°   | 241.2  | 5.6       |
| 90°-100°  | 90.6   | 2.1       |
| 100°-110° | 21.2   | 0.5       |
| 110°-120° | 7.3    | 0.2       |
| 120°-130° | 3.7    | 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°    | 4175.9 | 97.1      |
| 0°-180°   | 4299.0 | 100.0     |

**Coefficient of Utilization**



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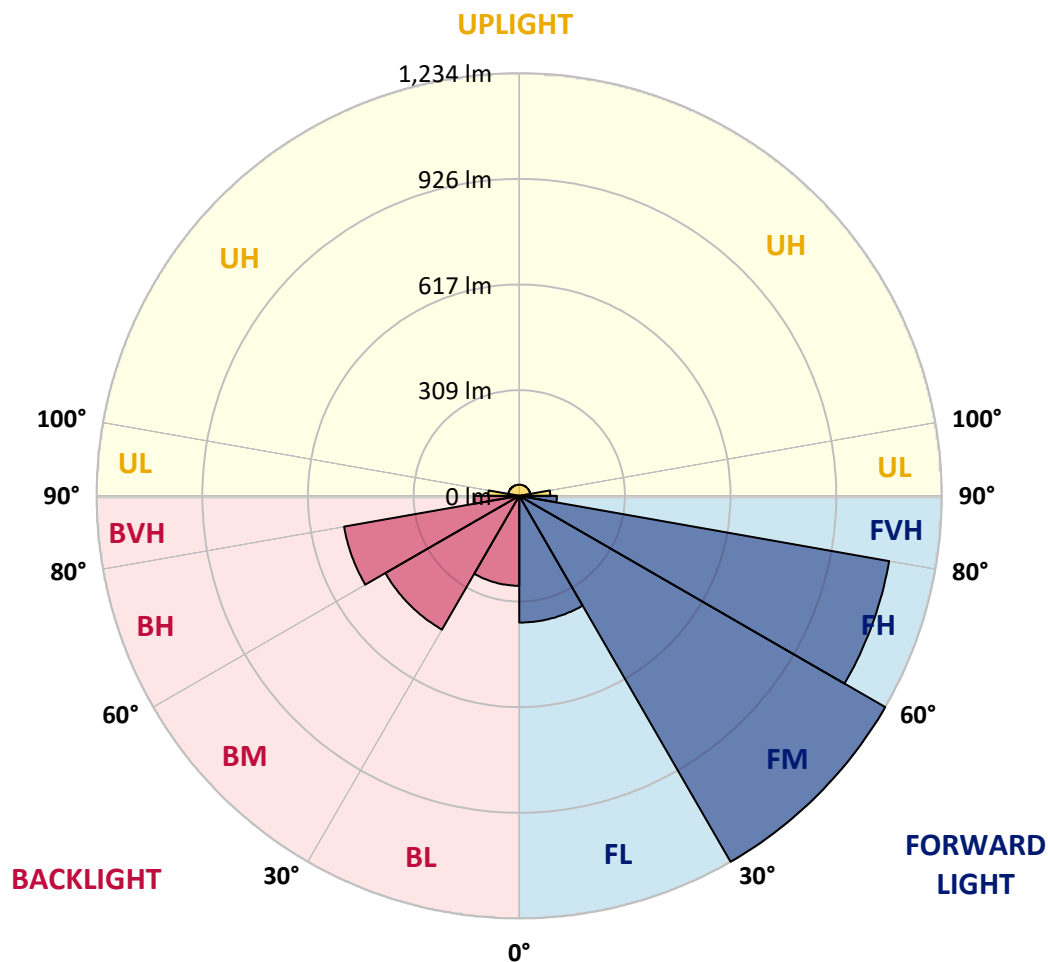
CATALOG NUMBER: CRTK2-C015-D-U-T3-7030-SR-CARETAKER

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 370.1  | 8.6       |                         |        |         |
| FM   | (30°-60°)   | 1234.2 | 28.7      |                         |        |         |
| FH   | (60°-80°)   | 1097.0 | 25.5      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 110.0  | 2.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 262.7  | 6.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 451.3  | 10.5      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 519.3  | 12.1      | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 131.2  | 3.1       |                         |        | G2/225  |
| UL   | (90°-100°)  | 90.6   | 2.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 32.6   | 0.8       |                         | U2/50  |         |

**BUG Rating: B2-U3-G2**

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  | 701.9  |
| 2.5°   | 689.1  | 689.1  | 689.1  | 690.5  | 694.8  | 697.6  | 699.0  | 697.6  | 699.0  | 701.9  | 704.7  |
| 5°     | 709.0  | 707.6  | 706.2  | 703.3  | 701.9  | 701.9  | 703.3  | 703.3  | 706.2  | 716.1  | 721.8  |
| 7.5°   | 727.5  | 724.7  | 723.3  | 723.3  | 721.8  | 714.7  | 713.3  | 709.0  | 707.6  | 720.4  | 728.9  |
| 10°    | 761.7  | 758.8  | 750.3  | 740.3  | 737.5  | 728.9  | 716.1  | 713.3  | 714.7  | 728.9  | 731.8  |
| 12.5°  | 793.0  | 791.6  | 785.9  | 775.9  | 761.7  | 753.1  | 734.6  | 726.1  | 727.5  | 736.1  | 730.4  |
| 15°    | 845.7  | 840.0  | 822.9  | 814.4  | 800.1  | 784.5  | 760.3  | 750.3  | 753.1  | 746.0  | 743.2  |
| 17.5°  | 877.0  | 872.7  | 872.7  | 857.1  | 847.1  | 820.1  | 797.3  | 778.8  | 785.9  | 767.4  | 751.7  |
| 20°    | 905.5  | 905.5  | 906.9  | 909.8  | 891.3  | 869.9  | 838.6  | 815.8  | 817.2  | 790.2  | 767.4  |
| 22.5°  | 949.6  | 945.4  | 949.6  | 953.9  | 941.1  | 922.6  | 884.1  | 861.4  | 851.4  | 817.2  | 787.3  |
| 25°    | 995.2  | 992.3  | 992.3  | 1003.7 | 1008.0 | 979.5  | 943.9  | 919.7  | 905.5  | 855.7  | 815.8  |
| 27.5°  | 1040.7 | 1042.2 | 1046.4 | 1050.7 | 1057.8 | 1043.6 | 1008.0 | 989.5  | 971.0  | 901.2  | 861.4  |
| 30°    | 1077.8 | 1074.9 | 1093.4 | 1103.4 | 1110.5 | 1116.2 | 1076.3 | 1056.4 | 1036.5 | 959.6  | 912.6  |
| 32.5°  | 1119.0 | 1119.0 | 1136.1 | 1154.6 | 1164.6 | 1176.0 | 1143.2 | 1130.4 | 1109.1 | 1029.4 | 998.0  |
| 35°    | 1153.2 | 1153.2 | 1178.8 | 1210.2 | 1228.7 | 1237.2 | 1220.1 | 1218.7 | 1214.4 | 1124.7 | 1079.2 |
| 37.5°  | 1037.9 | 1052.1 | 1092.0 | 1154.6 | 1225.8 | 1282.8 | 1287.0 | 1315.5 | 1329.8 | 1232.9 | 1174.6 |
| 40°    | 905.5  | 909.8  | 956.7  | 1012.3 | 1079.2 | 1150.4 | 1218.7 | 1302.7 | 1292.7 | 1176.0 | 1124.7 |
| 42.5°  | 815.8  | 827.2  | 887.0  | 929.7  | 973.8  | 1018.0 | 1018.0 | 1015.1 | 943.9  | 965.3  | 945.4  |
| 45°    | 807.3  | 810.1  | 859.9  | 924.0  | 941.1  | 879.9  | 794.4  | 747.5  | 753.1  | 857.1  | 904.1  |
| 47.5°  | 895.5  | 899.8  | 951.0  | 1012.3 | 951.0  | 842.8  | 758.8  | 751.7  | 747.5  | 931.1  | 1090.6 |
| 50°    | 942.5  | 945.4  | 993.8  | 1025.1 | 929.7  | 928.3  | 929.7  | 904.1  | 881.3  | 1221.6 | 1564.7 |
| 52.5°  | 971.0  | 973.8  | 971.0  | 1010.8 | 978.1  | 1053.6 | 1027.9 | 985.2  | 968.1  | 1415.2 | 1848.0 |
| 55°    | 895.5  | 914.0  | 990.9  | 1096.3 | 1099.1 | 1124.7 | 1114.8 | 1076.3 | 1074.9 | 1487.8 | 2060.1 |
| 57.5°  | 1107.7 | 1102.0 | 1131.9 | 1180.3 | 1188.8 | 1190.2 | 1195.9 | 1161.8 | 1171.7 | 1524.8 | 2054.4 |
| 60°    | 1254.3 | 1238.6 | 1207.3 | 1230.1 | 1240.1 | 1255.7 | 1275.7 | 1237.2 | 1248.6 | 1557.6 | 1964.7 |
| 62.5°  | 1392.4 | 1368.2 | 1247.2 | 1242.9 | 1258.6 | 1289.9 | 1318.4 | 1288.5 | 1298.4 | 1568.9 | 1902.1 |
| 65°    | 1372.5 | 1351.1 | 1260.0 | 1210.2 | 1232.9 | 1275.7 | 1315.5 | 1301.3 | 1298.4 | 1544.7 | 1825.2 |
| 67.5°  | 1183.1 | 1184.5 | 1174.6 | 1174.6 | 1166.0 | 1227.2 | 1291.3 | 1292.7 | 1278.5 | 1483.5 | 1709.9 |
| 70°    | 1016.5 | 1010.8 | 1026.5 | 1086.3 | 1094.8 | 1167.5 | 1252.9 | 1267.1 | 1248.6 | 1415.2 | 1598.8 |
| 72.5°  | 865.6  | 861.4  | 864.2  | 914.0  | 985.2  | 1064.9 | 1161.8 | 1195.9 | 1168.9 | 1292.7 | 1463.6 |
| 75°    | 716.1  | 711.9  | 710.4  | 727.5  | 784.5  | 884.1  | 995.2  | 1056.4 | 1033.6 | 1114.8 | 1265.7 |
| 77.5°  | 543.9  | 535.3  | 535.3  | 541.0  | 583.7  | 673.4  | 780.2  | 865.6  | 854.2  | 898.4  | 1020.8 |
| 80°    | 361.6  | 363.0  | 360.2  | 358.8  | 387.3  | 439.9  | 518.2  | 620.7  | 615.0  | 615.0  | 677.7  |
| 82.5°  | 229.2  | 229.2  | 233.5  | 219.3  | 216.4  | 222.1  | 240.6  | 281.9  | 284.7  | 311.8  | 333.2  |
| 85°    | 146.6  | 148.1  | 148.1  | 133.8  | 129.6  | 133.8  | 146.6  | 159.5  | 165.2  | 192.2  | 216.4  |
| 87.5°  | 106.8  | 106.8  | 103.9  | 101.1  | 102.5  | 106.8  | 116.7  | 128.1  | 138.1  | 159.5  | 180.8  |
| 90°    | 81.2   | 81.2   | 79.7   | 78.3   | 81.2   | 86.8   | 99.7   | 112.5  | 125.3  | 149.5  | 169.4  |
| 92.5°  | 66.9   | 66.9   | 65.5   | 65.5   | 66.9   | 71.2   | 82.6   | 96.8   | 109.6  | 129.6  | 148.1  |
| 95°    | 55.5   | 56.9   | 55.5   | 56.9   | 58.4   | 61.2   | 68.3   | 79.7   | 88.3   | 101.1  | 113.9  |
| 97.5°  | 44.1   | 45.6   | 45.6   | 45.6   | 47.0   | 51.3   | 55.5   | 62.6   | 68.3   | 74.0   | 82.6   |
| 100°   | 32.7   | 34.2   | 34.2   | 34.2   | 35.6   | 39.9   | 44.1   | 47.0   | 48.4   | 49.8   | 54.1   |
| 102.5° | 24.2   | 25.6   | 25.6   | 25.6   | 25.6   | 28.5   | 29.9   | 31.3   | 31.3   | 31.3   | 32.7   |
| 105°   | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 17.1   | 18.5   | 18.5   | 18.5   | 18.5   | 18.5   |
| 107.5° | 12.8   | 12.8   | 12.8   | 12.8   | 12.8   | 12.8   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   |
| 110°   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 12.8   | 11.4   | 11.4   | 12.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 85°  | 90°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 11.4 | 11.4 | 10.0 | 10.0 | 10.0 |
| 115°   | 8.5  | 8.5  | 8.5  | 8.5  | 8.5  | 8.5  | 10.0 | 10.0 | 8.5  | 8.5  | 8.5  |
| 117.5° | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 8.5  | 8.5  | 7.1  | 8.5  | 8.5  |
| 120°   | 7.1  | 8.5  | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 7.1  | 8.5  |
| 122.5° | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 7.1  | 7.1  |
| 125°   | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  | 5.7  |
| 127.5° | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 5.7  | 5.7  |
| 130°   | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  |
| 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):**

|        | 91°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 701.9  | 701.9  | 701.9 | 701.9 | 701.9 | 701.9 | 701.9 | 701.9 | 701.9 | 701.9 | 701.9 |
| 2.5°   | 704.7  | 707.6  | 713.3 | 719.0 | 724.7 | 730.4 | 733.2 | 734.6 | 736.1 | 733.2 | 734.6 |
| 5°     | 721.8  | 724.7  | 733.2 | 741.8 | 740.3 | 736.1 | 730.4 | 730.4 | 731.8 | 731.8 | 734.6 |
| 7.5°   | 730.4  | 734.6  | 731.8 | 733.2 | 736.1 | 731.8 | 726.1 | 719.0 | 710.4 | 710.4 | 711.9 |
| 10°    | 728.9  | 724.7  | 728.9 | 724.7 | 714.7 | 713.3 | 710.4 | 700.5 | 694.8 | 696.2 | 696.2 |
| 12.5°  | 728.9  | 727.5  | 719.0 | 714.7 | 706.2 | 690.5 | 683.4 | 686.2 | 679.1 | 680.5 | 677.7 |
| 15°    | 740.3  | 730.4  | 719.0 | 704.7 | 686.2 | 677.7 | 667.7 | 652.1 | 650.6 | 650.6 | 650.6 |
| 17.5°  | 747.5  | 740.3  | 714.7 | 686.2 | 673.4 | 652.1 | 640.7 | 636.4 | 625.0 | 629.3 | 632.1 |
| 20°    | 764.5  | 747.5  | 710.4 | 680.5 | 636.4 | 623.6 | 605.1 | 600.8 | 595.1 | 578.0 | 572.3 |
| 22.5°  | 778.8  | 763.1  | 706.2 | 653.5 | 616.5 | 586.6 | 558.1 | 538.2 | 528.2 | 521.1 | 515.4 |
| 25°    | 810.1  | 785.9  | 710.4 | 640.7 | 583.7 | 545.3 | 519.7 | 484.1 | 459.9 | 457.0 | 459.9 |
| 27.5°  | 851.4  | 812.9  | 720.4 | 623.6 | 558.1 | 498.3 | 447.0 | 422.8 | 397.2 | 388.7 | 390.1 |
| 30°    | 904.1  | 852.8  | 719.0 | 607.9 | 512.5 | 444.2 | 378.7 | 337.4 | 317.5 | 308.9 | 307.5 |
| 32.5°  | 979.5  | 908.3  | 751.7 | 588.0 | 471.3 | 368.7 | 297.6 | 246.3 | 236.3 | 234.9 | 233.5 |
| 35°    | 1053.6 | 998.0  | 767.4 | 558.1 | 411.5 | 296.1 | 224.9 | 193.6 | 192.2 | 190.8 | 189.4 |
| 37.5°  | 1151.8 | 1086.3 | 811.5 | 539.6 | 354.5 | 223.5 | 180.8 | 158.0 | 153.8 | 146.6 | 149.5 |
| 40°    | 1107.7 | 1053.6 | 824.3 | 511.1 | 274.8 | 165.2 | 135.3 | 116.7 | 113.9 | 115.3 | 113.9 |
| 42.5°  | 932.5  | 892.7  | 719.0 | 439.9 | 189.4 | 121.0 | 101.1 | 103.9 | 109.6 | 113.9 | 113.9 |
| 45°    | 904.1  | 825.8  | 518.2 | 311.8 | 122.4 | 101.1 | 98.2  | 102.5 | 112.5 | 122.4 | 123.9 |
| 47.5°  | 1092.0 | 992.3  | 454.2 | 240.6 | 140.9 | 115.3 | 105.4 | 105.4 | 111.1 | 112.5 | 111.1 |
| 50°    | 1547.6 | 1396.7 | 531.0 | 276.2 | 175.1 | 139.5 | 121.0 | 113.9 | 116.7 | 119.6 | 118.2 |
| 52.5°  | 1876.5 | 1687.1 | 605.1 | 330.3 | 219.3 | 166.6 | 142.4 | 125.3 | 122.4 | 122.4 | 121.0 |
| 55°    | 2068.7 | 1853.7 | 691.9 | 407.2 | 274.8 | 200.7 | 165.2 | 145.2 | 138.1 | 132.4 | 132.4 |
| 57.5°  | 2078.6 | 1859.4 | 783.0 | 482.6 | 343.1 | 250.6 | 196.5 | 169.4 | 163.7 | 150.9 | 148.1 |
| 60°    | 2008.9 | 1835.2 | 852.8 | 558.1 | 408.6 | 320.3 | 250.6 | 210.7 | 203.6 | 196.5 | 192.2 |
| 62.5°  | 1944.8 | 1795.3 | 887.0 | 620.7 | 478.4 | 398.6 | 318.9 | 263.4 | 240.6 | 249.2 | 254.8 |
| 65°    | 1862.2 | 1751.2 | 864.2 | 626.4 | 509.7 | 445.6 | 368.7 | 287.6 | 249.2 | 267.7 | 277.6 |
| 67.5°  | 1735.5 | 1635.9 | 807.3 | 575.2 | 475.5 | 417.2 | 346.0 | 270.5 | 240.6 | 247.7 | 247.7 |
| 70°    | 1607.4 | 1500.6 | 751.7 | 535.3 | 428.5 | 367.3 | 300.4 | 242.0 | 237.8 | 233.5 | 233.5 |
| 72.5°  | 1456.5 | 1329.8 | 679.1 | 511.1 | 410.0 | 357.4 | 291.9 | 243.5 | 254.8 | 260.5 | 260.5 |
| 75°    | 1265.7 | 1124.7 | 602.2 | 489.8 | 401.5 | 364.5 | 293.3 | 262.0 | 281.9 | 284.7 | 284.7 |
| 77.5°  | 1036.5 | 882.7  | 512.5 | 451.3 | 377.3 | 350.2 | 273.4 | 257.7 | 277.6 | 281.9 | 283.3 |
| 80°    | 713.3  | 625.0  | 430.0 | 392.9 | 337.4 | 314.6 | 252.0 | 250.6 | 270.5 | 280.5 | 281.9 |
| 82.5°  | 361.6  | 355.9  | 313.2 | 308.9 | 287.6 | 274.8 | 233.5 | 243.5 | 264.8 | 279.0 | 280.5 |
| 85°    | 223.5  | 232.1  | 209.3 | 206.4 | 213.6 | 219.3 | 212.1 | 232.1 | 247.7 | 263.4 | 266.2 |
| 87.5°  | 186.5  | 196.5  | 175.1 | 166.6 | 169.4 | 179.4 | 187.9 | 209.3 | 223.5 | 236.3 | 237.8 |
| 90°    | 175.1  | 183.7  | 149.5 | 142.4 | 148.1 | 155.2 | 160.9 | 172.3 | 183.7 | 190.8 | 190.8 |
| 92.5°  | 153.8  | 156.6  | 123.9 | 118.2 | 126.7 | 131.0 | 129.6 | 132.4 | 132.4 | 118.2 | 118.2 |
| 95°    | 118.2  | 118.2  | 94.0  | 94.0  | 101.1 | 102.5 | 92.5  | 84.0  | 78.3  | 47.0  | 39.9  |
| 97.5°  | 85.4   | 84.0   | 68.3  | 68.3  | 74.0  | 72.6  | 61.2  | 51.3  | 42.7  | 27.1  | 28.5  |
| 100°   | 56.9   | 55.5   | 45.6  | 48.4  | 51.3  | 45.6  | 38.4  | 31.3  | 25.6  | 17.1  | 19.9  |
| 102.5° | 34.2   | 32.7   | 29.9  | 31.3  | 29.9  | 28.5  | 22.8  | 18.5  | 15.7  | 10.0  | 11.4  |
| 105°   | 19.9   | 18.5   | 18.5  | 18.5  | 18.5  | 17.1  | 15.7  | 11.4  | 8.5   | 5.7   | 5.7   |
| 107.5° | 14.2   | 14.2   | 14.2  | 12.8  | 12.8  | 11.4  | 10.0  | 8.5   | 5.7   | 4.3   | 2.8   |
| 110°   | 12.8   | 11.4   | 11.4  | 11.4  | 10.0  | 10.0  | 8.5   | 7.1   | 4.3   | 2.8   | 2.8   |



REPORT NUMBER: P691324

CATALOG NUMBER: CRTK2-C015-D-U-T3-7030-SR-CARETAKER

**CANDELA DISTRIBUTION (continued):**

|        | 91°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.0 | 10.0 | 10.0 | 8.5  | 8.5  | 7.1  | 5.7  | 5.7  | 4.3  | 1.4  | 1.4  |
| 115°   | 8.5  | 8.5  | 7.1  | 7.1  | 5.7  | 5.7  | 4.3  | 4.3  | 2.8  | 1.4  | 1.4  |
| 117.5° | 8.5  | 8.5  | 5.7  | 5.7  | 4.3  | 4.3  | 4.3  | 2.8  | 1.4  | 1.4  | 1.4  |
| 120°   | 8.5  | 7.1  | 5.7  | 4.3  | 4.3  | 4.3  | 2.8  | 2.8  | 1.4  | 0.0  | 1.4  |
| 122.5° | 7.1  | 7.1  | 4.3  | 4.3  | 2.8  | 2.8  | 2.8  | 1.4  | 1.4  | 0.0  | 0.0  |
| 125°   | 5.7  | 5.7  | 4.3  | 2.8  | 2.8  | 2.8  | 2.8  | 1.4  | 1.4  | 0.0  | 0.0  |
| 127.5° | 5.7  | 5.7  | 4.3  | 2.8  | 2.8  | 2.8  | 2.8  | 1.4  | 1.4  | 0.0  | 0.0  |
| 130°   | 4.3  | 4.3  | 2.8  | 2.8  | 2.8  | 2.8  | 1.4  | 1.4  | 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)