

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: P691240

Luminaire Tested: **CRTK2-C015-5TLD-U-T3-7040-SR-CARETAKER**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691240  
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-C015-5TLD-U-T3-7040-SR-CARETAKER  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K LED WITH TYPE III OPTIC AND SR REFRACTOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4920 lumens  
Efficiency: N/A  
Efficacy: 150.5 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): 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



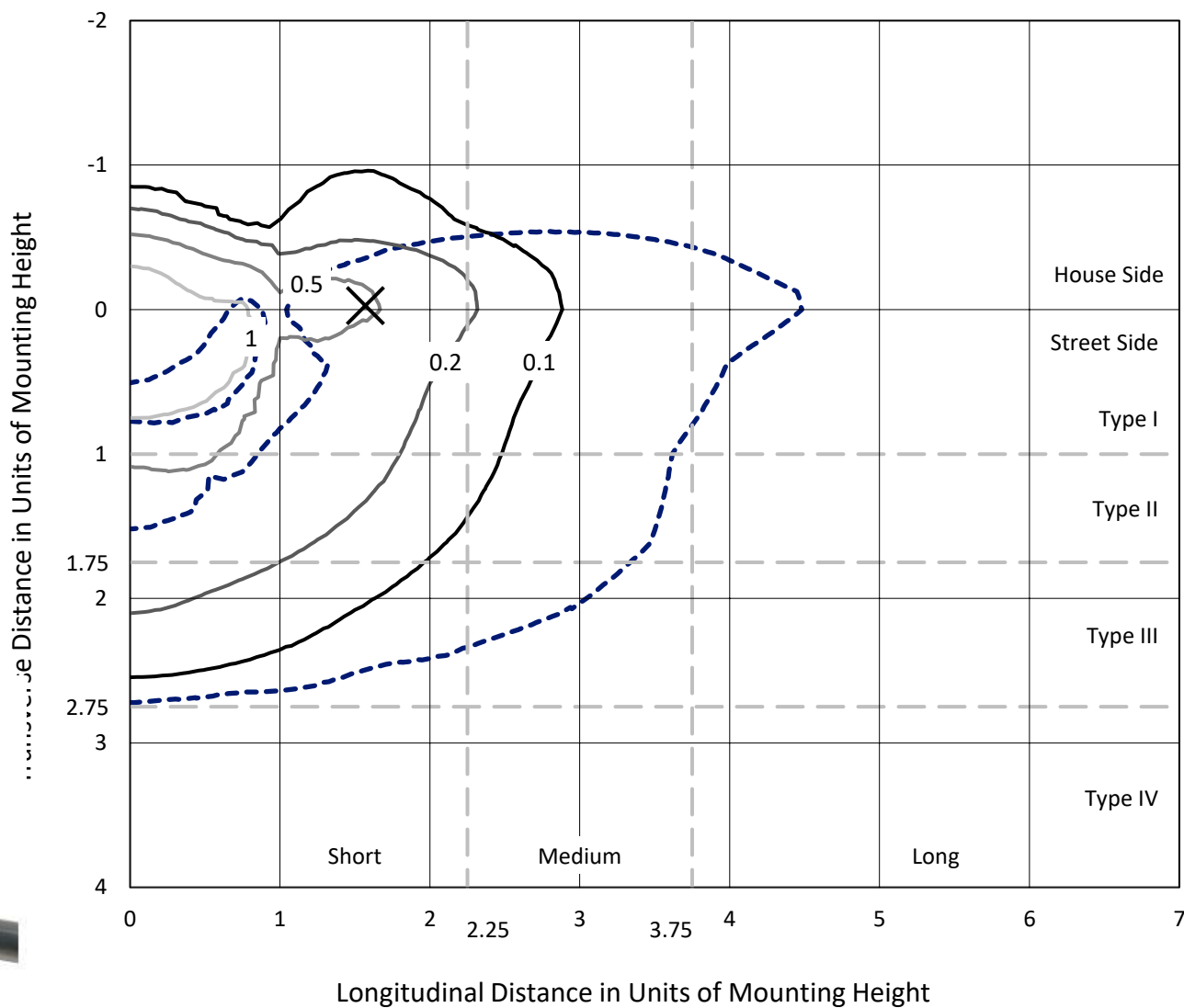
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

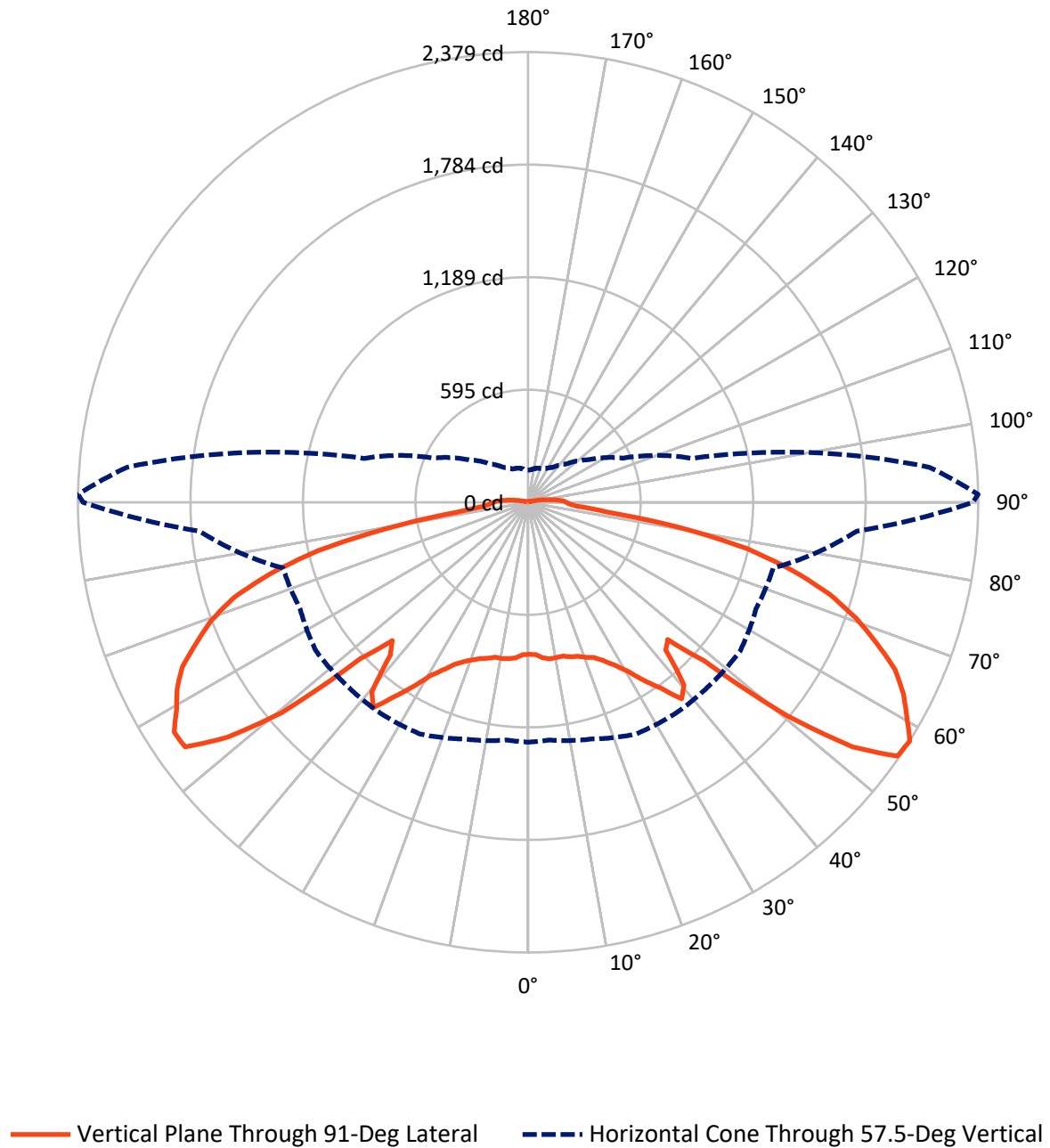


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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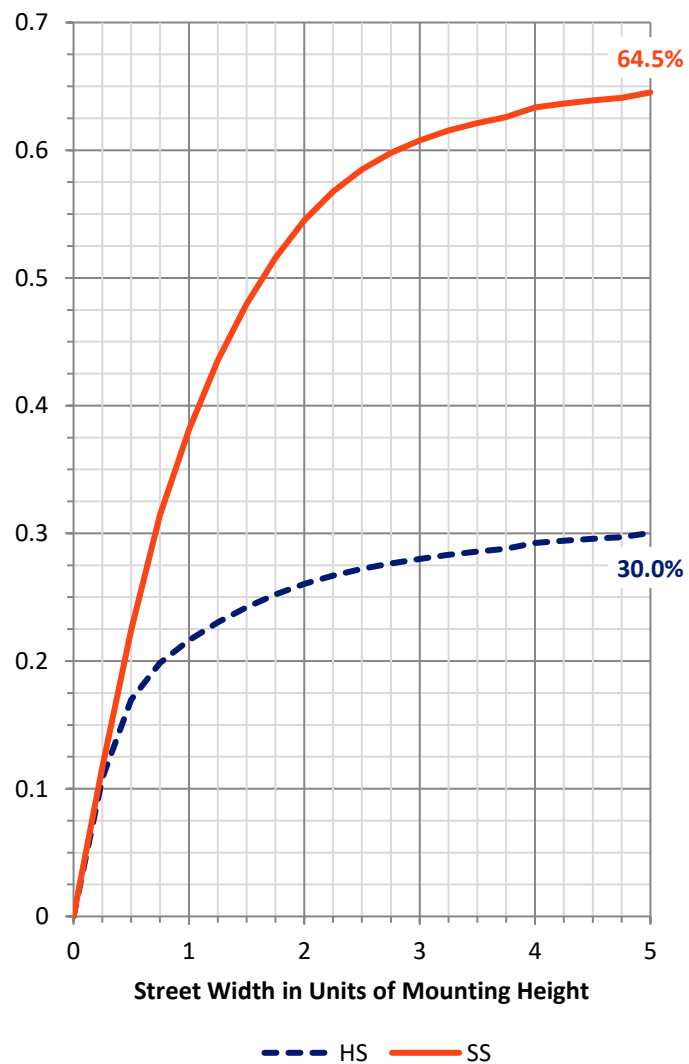
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1561.7   | 75.9   | 1637.6 |
|                    | % Fixture | 31.7     | 1.5    | 33.3   |
| <b>Street Side</b> | Lumens    | 3217.4   | 65.0   | 3282.4 |
|                    | % Fixture | 65.4     | 1.3    | 66.7   |
| <b>Total</b>       | Lumens    | 4779.1   | 140.9  | 4920.0 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 78.6   | 1.6       |
| 10°-20°   | 239.1  | 4.9       |
| 20°-30°   | 406.5  | 8.3       |
| 30°-40°   | 572.0  | 11.6      |
| 40°-50°   | 543.2  | 11.0      |
| 50°-60°   | 813.7  | 16.5      |
| 60°-70°   | 1053.0 | 21.4      |
| 70°-80°   | 796.9  | 16.2      |
| 80°-90°   | 276.0  | 5.6       |
| 90°-100°  | 103.6  | 2.1       |
| 100°-110° | 24.3   | 0.5       |
| 110°-120° | 8.4    | 0.2       |
| 120°-130° | 4.3    | 0.1       |
| 130°-140° | 0.4    | 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°    | 4779.1 | 97.1      |
| 0°-180°   | 4920.0 | 100.0     |

**Coefficient of Utilization**



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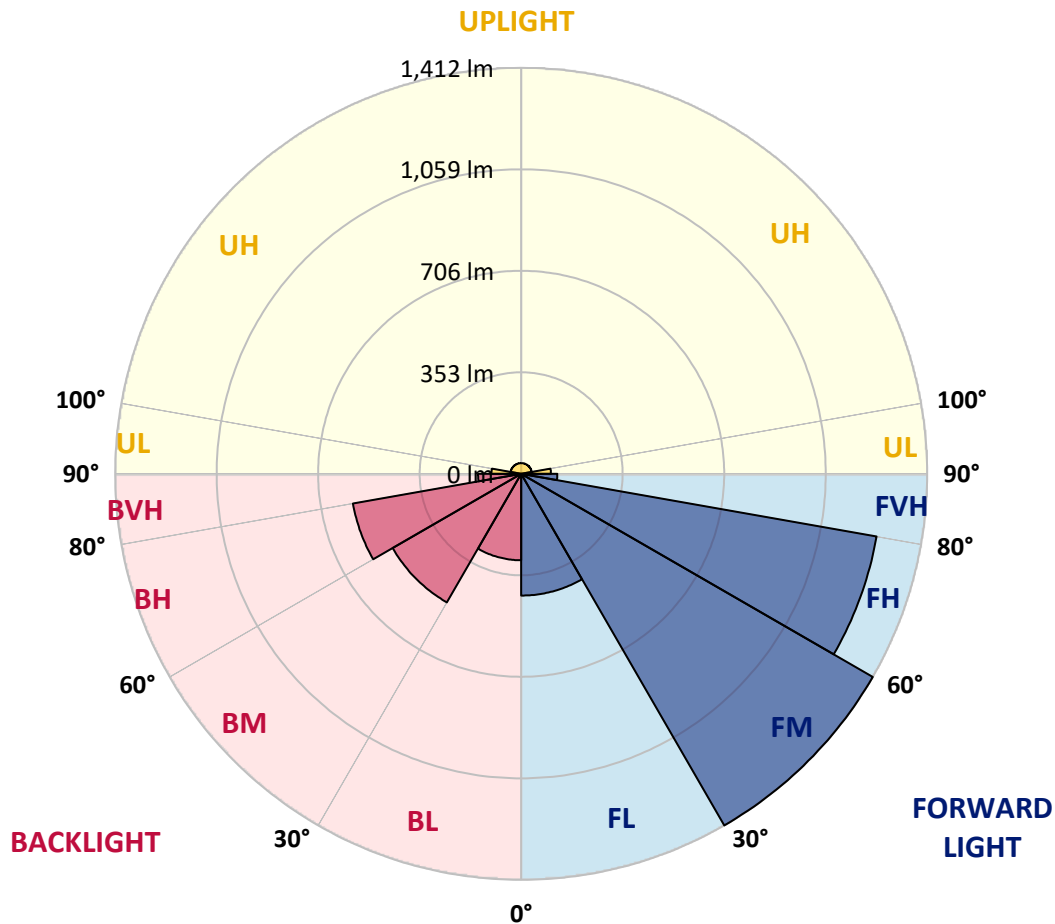
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 423.6  | 8.6       |                         |        |         |
| FM   | (30°-60°)   | 1412.4 | 28.7      |                         |        |         |
| FH   | (60°-80°)   | 1255.5 | 25.5      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 125.9  | 2.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 300.6  | 6.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 516.5  | 10.5      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 594.4  | 12.1      | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 150.2  | 3.1       |                         |        | G2/225  |
| UL   | (90°-100°)  | 103.6  | 2.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 37.3   | 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°     | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  | 803.3  |
| 2.5°   | 788.6  | 788.6  | 788.6  | 790.3  | 795.1  | 798.4  | 800.0  | 798.4  | 800.0  | 803.3  | 806.5  |
| 5°     | 811.4  | 809.8  | 808.2  | 804.9  | 803.3  | 803.3  | 804.9  | 804.9  | 808.2  | 819.6  | 826.1  |
| 7.5°   | 832.6  | 829.4  | 827.7  | 827.7  | 826.1  | 818.0  | 816.3  | 811.4  | 809.8  | 824.5  | 834.2  |
| 10°    | 871.7  | 868.5  | 858.7  | 847.3  | 844.0  | 834.2  | 819.6  | 816.3  | 818.0  | 834.2  | 837.5  |
| 12.5°  | 907.6  | 905.9  | 899.4  | 888.0  | 871.7  | 861.9  | 840.8  | 831.0  | 832.6  | 842.4  | 835.9  |
| 15°    | 967.9  | 961.3  | 941.8  | 932.0  | 915.7  | 897.8  | 870.1  | 858.7  | 861.9  | 853.8  | 850.5  |
| 17.5°  | 1003.7 | 998.8  | 998.8  | 980.9  | 969.5  | 938.5  | 912.5  | 891.3  | 899.4  | 878.2  | 860.3  |
| 20°    | 1036.3 | 1036.3 | 1037.9 | 1041.2 | 1020.0 | 995.6  | 959.7  | 933.6  | 935.3  | 904.3  | 878.2  |
| 22.5°  | 1086.8 | 1081.9 | 1086.8 | 1091.7 | 1077.0 | 1055.8 | 1011.8 | 985.8  | 974.4  | 935.3  | 901.0  |
| 25°    | 1138.9 | 1135.7 | 1135.7 | 1148.7 | 1153.6 | 1121.0 | 1080.3 | 1052.6 | 1036.3 | 979.3  | 933.6  |
| 27.5°  | 1191.1 | 1192.7 | 1197.6 | 1202.5 | 1210.6 | 1194.3 | 1153.6 | 1132.4 | 1111.2 | 1031.4 | 985.8  |
| 30°    | 1233.4 | 1230.2 | 1251.4 | 1262.8 | 1270.9 | 1277.4 | 1231.8 | 1209.0 | 1186.2 | 1098.2 | 1044.4 |
| 32.5°  | 1280.7 | 1280.7 | 1300.2 | 1321.4 | 1332.8 | 1345.9 | 1308.4 | 1293.7 | 1269.3 | 1178.0 | 1142.2 |
| 35°    | 1319.8 | 1319.8 | 1349.1 | 1385.0 | 1406.2 | 1415.9 | 1396.4 | 1394.8 | 1389.9 | 1287.2 | 1235.1 |
| 37.5°  | 1187.8 | 1204.1 | 1249.7 | 1321.4 | 1402.9 | 1468.1 | 1473.0 | 1505.5 | 1521.8 | 1411.0 | 1344.2 |
| 40°    | 1036.3 | 1041.2 | 1094.9 | 1158.5 | 1235.1 | 1316.5 | 1394.8 | 1490.9 | 1479.5 | 1345.9 | 1287.2 |
| 42.5°  | 933.6  | 946.7  | 1015.1 | 1064.0 | 1114.5 | 1165.0 | 1165.0 | 1161.8 | 1080.3 | 1104.7 | 1081.9 |
| 45°    | 923.9  | 927.1  | 984.1  | 1057.5 | 1077.0 | 1007.0 | 909.2  | 855.4  | 861.9  | 980.9  | 1034.7 |
| 47.5°  | 1024.9 | 1029.8 | 1088.4 | 1158.5 | 1088.4 | 964.6  | 868.5  | 860.3  | 855.4  | 1065.6 | 1248.1 |
| 50°    | 1078.7 | 1081.9 | 1137.3 | 1173.2 | 1064.0 | 1062.4 | 1064.0 | 1034.7 | 1008.6 | 1398.0 | 1790.7 |
| 52.5°  | 1111.2 | 1114.5 | 1111.2 | 1156.9 | 1119.4 | 1205.7 | 1176.4 | 1127.5 | 1108.0 | 1619.6 | 2114.9 |
| 55°    | 1024.9 | 1046.1 | 1134.1 | 1254.6 | 1257.9 | 1287.2 | 1275.8 | 1231.8 | 1230.2 | 1702.7 | 2357.7 |
| 57.5°  | 1267.7 | 1261.1 | 1295.4 | 1350.8 | 1360.5 | 1362.2 | 1368.7 | 1329.6 | 1341.0 | 1745.1 | 2351.2 |
| 60°    | 1435.5 | 1417.6 | 1381.7 | 1407.8 | 1419.2 | 1437.1 | 1459.9 | 1415.9 | 1429.0 | 1782.5 | 2248.5 |
| 62.5°  | 1593.5 | 1565.8 | 1427.3 | 1422.5 | 1440.4 | 1476.2 | 1508.8 | 1474.6 | 1486.0 | 1795.6 | 2176.9 |
| 65°    | 1570.7 | 1546.3 | 1442.0 | 1385.0 | 1411.0 | 1459.9 | 1505.5 | 1489.3 | 1486.0 | 1767.9 | 2088.9 |
| 67.5°  | 1354.0 | 1355.6 | 1344.2 | 1344.2 | 1334.5 | 1404.5 | 1477.9 | 1479.5 | 1463.2 | 1697.8 | 1956.9 |
| 70°    | 1163.4 | 1156.9 | 1174.8 | 1243.2 | 1253.0 | 1336.1 | 1433.9 | 1450.2 | 1429.0 | 1619.6 | 1829.8 |
| 72.5°  | 990.7  | 985.8  | 989.0  | 1046.1 | 1127.5 | 1218.8 | 1329.6 | 1368.7 | 1337.7 | 1479.5 | 1675.0 |
| 75°    | 819.6  | 814.7  | 813.1  | 832.6  | 897.8  | 1011.8 | 1138.9 | 1209.0 | 1182.9 | 1275.8 | 1448.5 |
| 77.5°  | 622.4  | 612.6  | 612.6  | 619.2  | 668.0  | 770.7  | 892.9  | 990.7  | 977.6  | 1028.1 | 1168.3 |
| 80°    | 413.9  | 415.5  | 412.2  | 410.6  | 443.2  | 503.5  | 593.1  | 710.4  | 703.9  | 703.9  | 775.6  |
| 82.5°  | 262.3  | 262.3  | 267.2  | 250.9  | 247.7  | 254.2  | 275.4  | 322.6  | 325.9  | 356.8  | 381.3  |
| 85°    | 167.8  | 169.5  | 169.5  | 153.2  | 148.3  | 153.2  | 167.8  | 182.5  | 189.0  | 220.0  | 247.7  |
| 87.5°  | 122.2  | 122.2  | 118.9  | 115.7  | 117.3  | 122.2  | 133.6  | 146.6  | 158.1  | 182.5  | 206.9  |
| 90°    | 92.9   | 92.9   | 91.2   | 89.6   | 92.9   | 99.4   | 114.1  | 128.7  | 143.4  | 171.1  | 193.9  |
| 92.5°  | 76.6   | 76.6   | 75.0   | 75.0   | 76.6   | 81.5   | 94.5   | 110.8  | 125.5  | 148.3  | 169.5  |
| 95°    | 63.5   | 65.2   | 63.5   | 65.2   | 66.8   | 70.1   | 78.2   | 91.2   | 101.0  | 115.7  | 130.4  |
| 97.5°  | 50.5   | 52.1   | 52.1   | 52.1   | 53.8   | 58.7   | 63.5   | 71.7   | 78.2   | 84.7   | 94.5   |
| 100°   | 37.5   | 39.1   | 39.1   | 39.1   | 40.7   | 45.6   | 50.5   | 53.8   | 55.4   | 57.0   | 61.9   |
| 102.5° | 27.7   | 29.3   | 29.3   | 29.3   | 29.3   | 32.6   | 34.2   | 35.8   | 35.8   | 35.8   | 37.5   |
| 105°   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 21.2   | 21.2   | 21.2   | 21.2   | 21.2   |
| 107.5° | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 14.7   | 16.3   | 16.3   | 16.3   | 16.3   | 16.3   |
| 110°   | 13.0   | 13.0   | 13.0   | 13.0   | 13.0   | 13.0   | 13.0   | 14.7   | 13.0   | 13.0   | 14.7   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 85°  | 90°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 13.0 | 13.0 | 11.4 | 11.4 | 11.4 |
| 115°   | 9.8  | 9.8  | 9.8  | 9.8  | 9.8  | 9.8  | 11.4 | 11.4 | 9.8  | 9.8  | 9.8  |
| 117.5° | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 9.8  | 9.8  | 8.1  | 9.8  | 9.8  |
| 120°   | 8.1  | 9.8  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 9.8  |
| 122.5° | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 8.1  | 8.1  |
| 125°   | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  | 6.5  |
| 127.5° | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 6.5  | 6.5  |
| 130°   | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  | 4.9  |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 91°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 803.3  | 803.3  | 803.3  | 803.3 | 803.3 | 803.3 | 803.3 | 803.3 | 803.3 | 803.3 | 803.3 |
| 2.5°   | 806.5  | 809.8  | 816.3  | 822.8 | 829.4 | 835.9 | 839.1 | 840.8 | 842.4 | 839.1 | 840.8 |
| 5°     | 826.1  | 829.4  | 839.1  | 848.9 | 847.3 | 842.4 | 835.9 | 835.9 | 837.5 | 837.5 | 840.8 |
| 7.5°   | 835.9  | 840.8  | 837.5  | 839.1 | 842.4 | 837.5 | 831.0 | 822.8 | 813.1 | 813.1 | 814.7 |
| 10°    | 834.2  | 829.4  | 834.2  | 829.4 | 818.0 | 816.3 | 813.1 | 801.7 | 795.1 | 796.8 | 796.8 |
| 12.5°  | 834.2  | 832.6  | 822.8  | 818.0 | 808.2 | 790.3 | 782.1 | 785.4 | 777.2 | 778.8 | 775.6 |
| 15°    | 847.3  | 835.9  | 822.8  | 806.5 | 785.4 | 775.6 | 764.2 | 746.3 | 744.6 | 744.6 | 744.6 |
| 17.5°  | 855.4  | 847.3  | 818.0  | 785.4 | 770.7 | 746.3 | 733.2 | 728.3 | 715.3 | 720.2 | 723.4 |
| 20°    | 875.0  | 855.4  | 813.1  | 778.8 | 728.3 | 713.7 | 692.5 | 687.6 | 681.1 | 661.5 | 655.0 |
| 22.5°  | 891.3  | 873.3  | 808.2  | 747.9 | 705.5 | 671.3 | 638.7 | 615.9 | 604.5 | 596.4 | 589.8 |
| 25°    | 927.1  | 899.4  | 813.1  | 733.2 | 668.0 | 624.1 | 594.7 | 554.0 | 526.3 | 523.0 | 526.3 |
| 27.5°  | 974.4  | 930.4  | 824.5  | 713.7 | 638.7 | 570.3 | 511.6 | 483.9 | 454.6 | 444.8 | 446.5 |
| 30°    | 1034.7 | 976.0  | 822.8  | 695.7 | 586.6 | 508.4 | 433.4 | 386.2 | 363.4 | 353.6 | 351.9 |
| 32.5°  | 1121.0 | 1039.5 | 860.3  | 672.9 | 539.3 | 422.0 | 340.5 | 281.9 | 270.5 | 268.8 | 267.2 |
| 35°    | 1205.7 | 1142.2 | 878.2  | 638.7 | 470.9 | 338.9 | 257.4 | 221.6 | 220.0 | 218.3 | 216.7 |
| 37.5°  | 1318.2 | 1243.2 | 928.7  | 617.5 | 405.7 | 255.8 | 206.9 | 180.9 | 176.0 | 167.8 | 171.1 |
| 40°    | 1267.7 | 1205.7 | 943.4  | 584.9 | 314.5 | 189.0 | 154.8 | 133.6 | 130.4 | 132.0 | 130.4 |
| 42.5°  | 1067.2 | 1021.6 | 822.8  | 503.5 | 216.7 | 138.5 | 115.7 | 118.9 | 125.5 | 130.4 | 130.4 |
| 45°    | 1034.7 | 945.0  | 593.1  | 356.8 | 140.1 | 115.7 | 112.4 | 117.3 | 128.7 | 140.1 | 141.8 |
| 47.5°  | 1249.7 | 1135.7 | 519.8  | 275.4 | 161.3 | 132.0 | 120.6 | 120.6 | 127.1 | 128.7 | 127.1 |
| 50°    | 1771.1 | 1598.4 | 607.8  | 316.1 | 200.4 | 159.7 | 138.5 | 130.4 | 133.6 | 136.9 | 135.2 |
| 52.5°  | 2147.5 | 1930.8 | 692.5  | 378.0 | 250.9 | 190.6 | 162.9 | 143.4 | 140.1 | 140.1 | 138.5 |
| 55°    | 2367.5 | 2121.5 | 791.9  | 466.0 | 314.5 | 229.7 | 189.0 | 166.2 | 158.1 | 151.5 | 151.5 |
| 57.5°  | 2378.9 | 2128.0 | 896.2  | 552.4 | 392.7 | 286.8 | 224.9 | 193.9 | 187.4 | 172.7 | 169.5 |
| 60°    | 2299.1 | 2100.3 | 976.0  | 638.7 | 467.6 | 366.6 | 286.8 | 241.1 | 233.0 | 224.9 | 220.0 |
| 62.5°  | 2225.7 | 2054.7 | 1015.1 | 710.4 | 547.5 | 456.2 | 365.0 | 301.4 | 275.4 | 285.1 | 291.7 |
| 65°    | 2131.2 | 2004.1 | 989.0  | 716.9 | 583.3 | 510.0 | 422.0 | 329.1 | 285.1 | 306.3 | 317.7 |
| 67.5°  | 1986.2 | 1872.2 | 923.9  | 658.3 | 544.2 | 477.4 | 395.9 | 309.6 | 275.4 | 283.5 | 283.5 |
| 70°    | 1839.6 | 1717.4 | 860.3  | 612.6 | 490.4 | 420.4 | 343.8 | 277.0 | 272.1 | 267.2 | 267.2 |
| 72.5°  | 1666.9 | 1521.8 | 777.2  | 584.9 | 469.3 | 409.0 | 334.0 | 278.6 | 291.7 | 298.2 | 298.2 |
| 75°    | 1448.5 | 1287.2 | 689.2  | 560.5 | 459.5 | 417.1 | 335.7 | 299.8 | 322.6 | 325.9 | 325.9 |
| 77.5°  | 1186.2 | 1010.2 | 586.6  | 516.5 | 431.8 | 400.8 | 312.8 | 294.9 | 317.7 | 322.6 | 324.2 |
| 80°    | 816.3  | 715.3  | 492.1  | 449.7 | 386.2 | 360.1 | 288.4 | 286.8 | 309.6 | 321.0 | 322.6 |
| 82.5°  | 413.9  | 407.3  | 358.5  | 353.6 | 329.1 | 314.5 | 267.2 | 278.6 | 303.1 | 319.4 | 321.0 |
| 85°    | 255.8  | 265.6  | 239.5  | 236.3 | 244.4 | 250.9 | 242.8 | 265.6 | 283.5 | 301.4 | 304.7 |
| 87.5°  | 213.4  | 224.9  | 200.4  | 190.6 | 193.9 | 205.3 | 215.1 | 239.5 | 255.8 | 270.5 | 272.1 |
| 90°    | 200.4  | 210.2  | 171.1  | 162.9 | 169.5 | 177.6 | 184.1 | 197.2 | 210.2 | 218.3 | 218.3 |
| 92.5°  | 176.0  | 179.2  | 141.8  | 135.2 | 145.0 | 149.9 | 148.3 | 151.5 | 151.5 | 135.2 | 135.2 |
| 95°    | 135.2  | 135.2  | 107.5  | 107.5 | 115.7 | 117.3 | 105.9 | 96.1  | 89.6  | 53.8  | 45.6  |
| 97.5°  | 97.8   | 96.1   | 78.2   | 78.2  | 84.7  | 83.1  | 70.1  | 58.7  | 48.9  | 31.0  | 32.6  |
| 100°   | 65.2   | 63.5   | 52.1   | 55.4  | 58.7  | 52.1  | 44.0  | 35.8  | 29.3  | 19.6  | 22.8  |
| 102.5° | 39.1   | 37.5   | 34.2   | 35.8  | 34.2  | 32.6  | 26.1  | 21.2  | 17.9  | 11.4  | 13.0  |
| 105°   | 22.8   | 21.2   | 21.2   | 21.2  | 21.2  | 19.6  | 17.9  | 13.0  | 9.8   | 6.5   | 6.5   |
| 107.5° | 16.3   | 16.3   | 16.3   | 14.7  | 14.7  | 13.0  | 11.4  | 9.8   | 6.5   | 4.9   | 3.3   |
| 110°   | 14.7   | 13.0   | 13.0   | 13.0  | 11.4  | 11.4  | 9.8   | 8.1   | 4.9   | 3.3   | 3.3   |

REPORT NUMBER: P691240

CATALOG NUMBER: CRTK2-C015-5TLD-U-T3-7040-SR-CARETAKER

**CANDELA DISTRIBUTION (continued):**

|        | 91°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 11.4 | 11.4 | 11.4 | 9.8  | 9.8  | 8.1  | 6.5  | 6.5  | 4.9  | 1.6  | 1.6  |
| 115°   | 9.8  | 9.8  | 8.1  | 8.1  | 6.5  | 6.5  | 4.9  | 4.9  | 3.3  | 1.6  | 1.6  |
| 117.5° | 9.8  | 9.8  | 6.5  | 6.5  | 4.9  | 4.9  | 4.9  | 3.3  | 1.6  | 1.6  | 1.6  |
| 120°   | 9.8  | 8.1  | 6.5  | 4.9  | 4.9  | 4.9  | 3.3  | 3.3  | 1.6  | 0.0  | 1.6  |
| 122.5° | 8.1  | 8.1  | 4.9  | 4.9  | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 0.0  | 0.0  |
| 125°   | 6.5  | 6.5  | 4.9  | 3.3  | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 0.0  | 0.0  |
| 127.5° | 6.5  | 6.5  | 4.9  | 3.3  | 3.3  | 3.3  | 3.3  | 1.6  | 1.6  | 0.0  | 0.0  |
| 130°   | 4.9  | 4.9  | 3.3  | 3.3  | 3.3  | 3.3  | 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  |

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