

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: P691348

Luminaire Tested: **CRTK2-C015-D-U-T3-8027-SR-CARETAKER**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691348  
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-T3-8027-SR-CARETAKER  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE III OPTIC AND SR REFRACTOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3887 lumens  
Efficiency: N/A  
Efficacy: 130.0 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type III - Short  
BUG Rating: B1 - 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

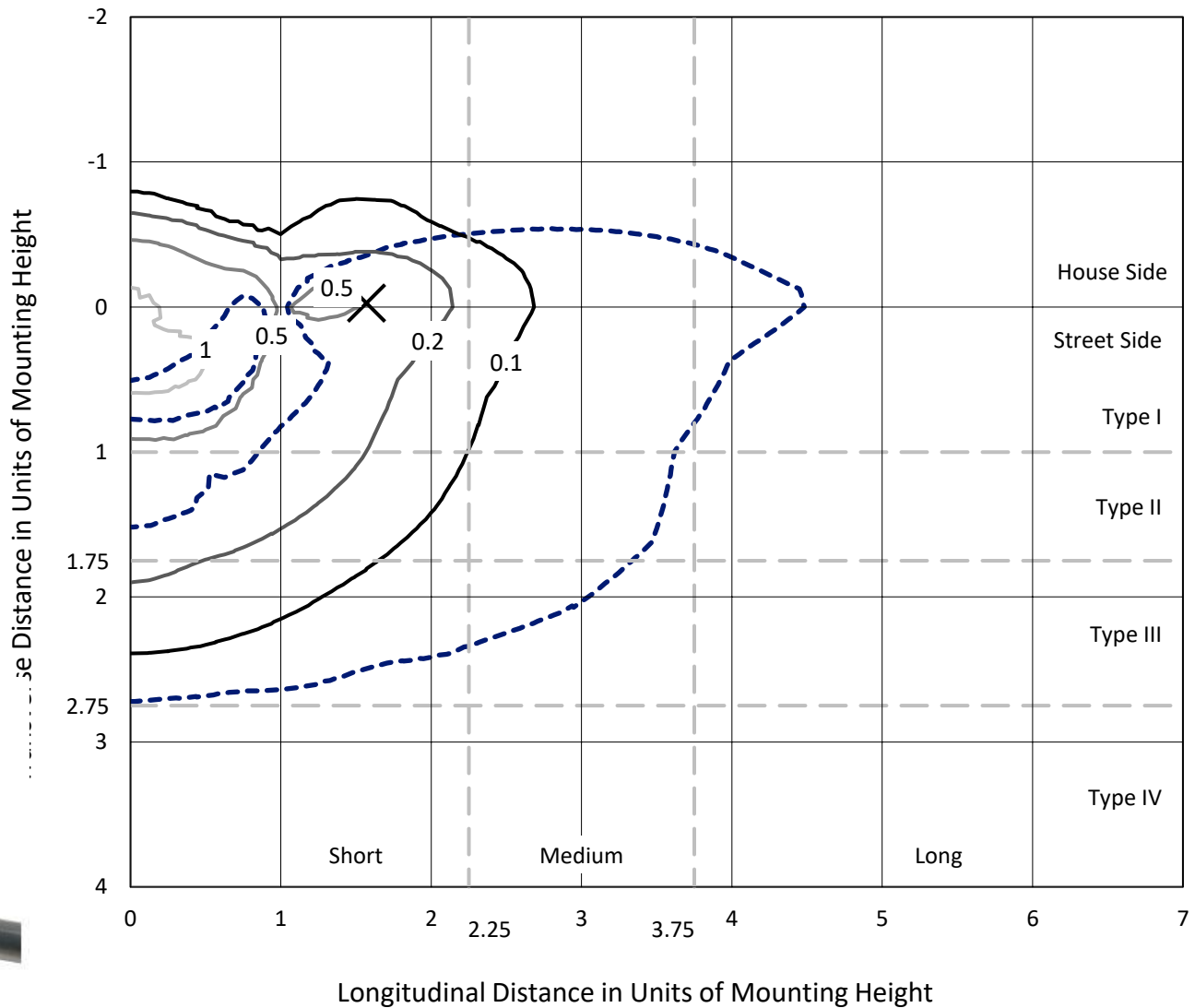


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

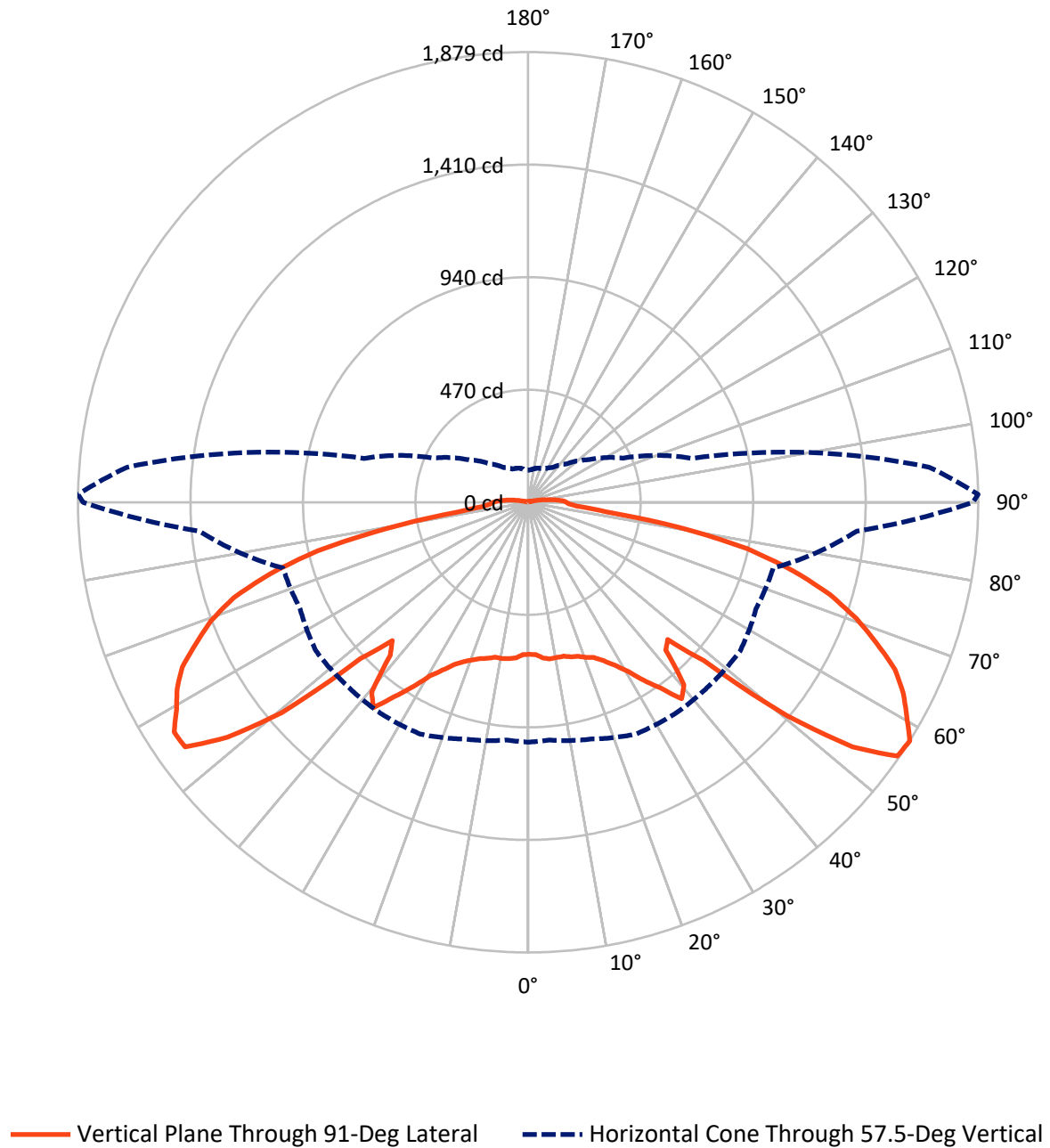


Based on 25 foot mounting height. Maximum calculated value = 1.1 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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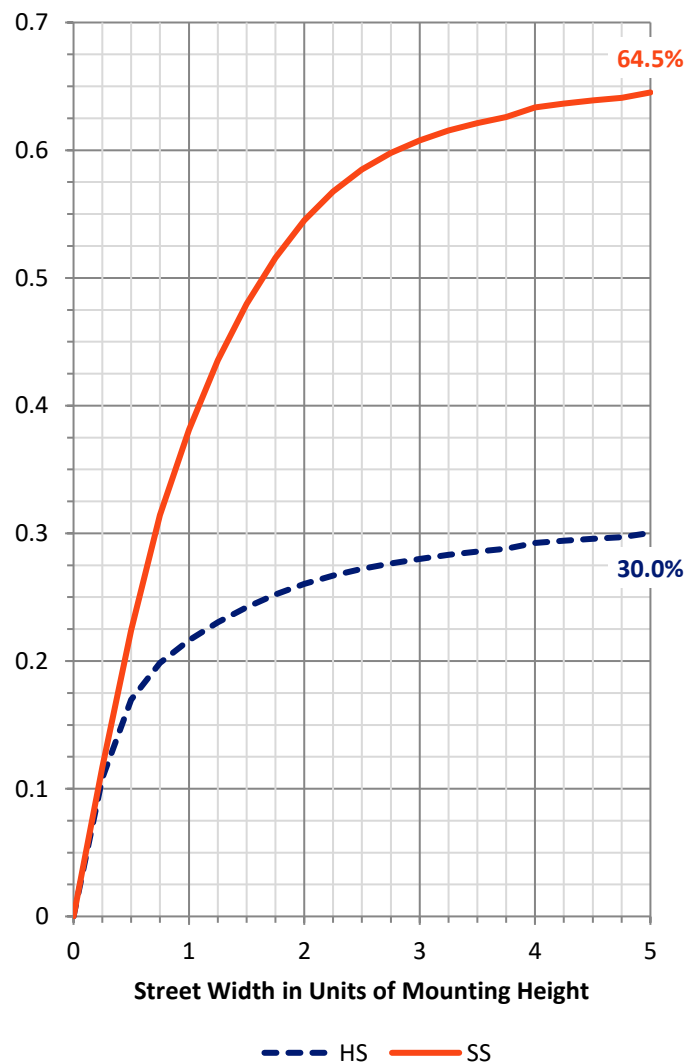
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1233.8   | 60.0   | 1293.8 |
|                    | % Fixture | 31.7     | 1.5    | 33.3   |
| <b>Street Side</b> | Lumens    | 2541.9   | 51.3   | 2593.2 |
|                    | % Fixture | 65.4     | 1.3    | 66.7   |
| <b>Total</b>       | Lumens    | 3775.7   | 111.3  | 3887.0 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.1   | 1.6       |
| 10°-20°   | 188.9  | 4.9       |
| 20°-30°   | 321.2  | 8.3       |
| 30°-40°   | 451.9  | 11.6      |
| 40°-50°   | 429.2  | 11.0      |
| 50°-60°   | 642.9  | 16.5      |
| 60°-70°   | 831.9  | 21.4      |
| 70°-80°   | 629.6  | 16.2      |
| 80°-90°   | 218.1  | 5.6       |
| 90°-100°  | 81.9   | 2.1       |
| 100°-110° | 19.2   | 0.5       |
| 110°-120° | 6.6    | 0.2       |
| 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°    | 3775.7 | 97.1      |
| 0°-180°   | 3887.0 | 100.0     |

**Coefficient of Utilization**



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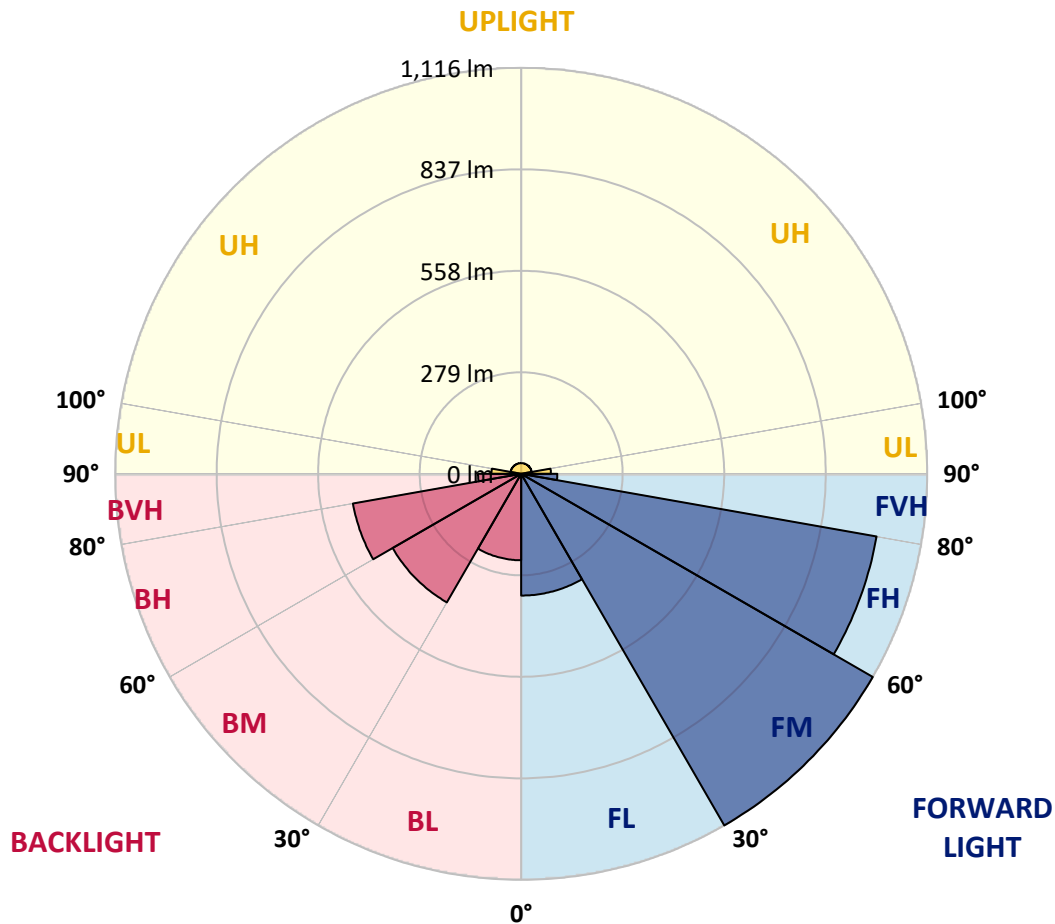
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 334.6  | 8.6       |                         |        |         |
| FM   | (30°-60°)   | 1115.9 | 28.7      |                         |        |         |
| FH   | (60°-80°)   | 991.9  | 25.5      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 99.4   | 2.6       |                         |        | G1/100  |
| BL   | (0°-30°)    | 237.5  | 6.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 408.1  | 10.5      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 469.6  | 12.1      | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 118.6  | 3.1       |                         |        | G2/225  |
| UL   | (90°-100°)  | 81.9   | 2.1       |                         | U3/500 |         |
| UH   | (100°-180°) | 29.4   | 0.8       |                         | U2/50  |         |

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

Type III Short



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CATALOG NUMBER: CRTK2-C015-D-U-T3-8027-SR-CARETAKER

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  | 634.6  |
| 2.5°   | 623.0  | 623.0  | 623.0  | 624.3  | 628.2  | 630.8  | 632.1  | 630.8  | 632.1  | 634.6  | 637.2  |
| 5°     | 641.1  | 639.8  | 638.5  | 635.9  | 634.6  | 634.6  | 635.9  | 635.9  | 638.5  | 647.5  | 652.7  |
| 7.5°   | 657.8  | 655.2  | 653.9  | 653.9  | 652.7  | 646.2  | 644.9  | 641.1  | 639.8  | 651.4  | 659.1  |
| 10°    | 688.7  | 686.1  | 678.4  | 669.4  | 666.8  | 659.1  | 647.5  | 644.9  | 646.2  | 659.1  | 661.7  |
| 12.5°  | 717.0  | 715.7  | 710.6  | 701.6  | 688.7  | 681.0  | 664.2  | 656.5  | 657.8  | 665.5  | 660.4  |
| 15°    | 764.6  | 759.5  | 744.0  | 736.3  | 723.5  | 709.3  | 687.4  | 678.4  | 681.0  | 674.5  | 672.0  |
| 17.5°  | 793.0  | 789.1  | 789.1  | 774.9  | 765.9  | 741.5  | 720.9  | 704.1  | 710.6  | 693.8  | 679.7  |
| 20°    | 818.7  | 818.7  | 820.0  | 822.6  | 805.8  | 786.5  | 758.2  | 737.6  | 738.9  | 714.4  | 693.8  |
| 22.5°  | 858.6  | 854.8  | 858.6  | 862.5  | 850.9  | 834.2  | 799.4  | 778.8  | 769.8  | 738.9  | 711.9  |
| 25°    | 899.8  | 897.2  | 897.2  | 907.5  | 911.4  | 885.6  | 853.5  | 831.6  | 818.7  | 773.7  | 737.6  |
| 27.5°  | 941.0  | 942.3  | 946.1  | 950.0  | 956.4  | 943.6  | 911.4  | 894.7  | 877.9  | 814.8  | 778.8  |
| 30°    | 974.5  | 971.9  | 988.6  | 997.6  | 1004.1 | 1009.2 | 973.2  | 955.2  | 937.1  | 867.6  | 825.1  |
| 32.5°  | 1011.8 | 1011.8 | 1027.2 | 1044.0 | 1053.0 | 1063.3 | 1033.7 | 1022.1 | 1002.8 | 930.7  | 902.4  |
| 35°    | 1042.7 | 1042.7 | 1065.9 | 1094.2 | 1110.9 | 1118.6 | 1103.2 | 1101.9 | 1098.0 | 1017.0 | 975.8  |
| 37.5°  | 938.4  | 951.3  | 987.3  | 1044.0 | 1108.3 | 1159.8 | 1163.7 | 1189.4 | 1202.3 | 1114.8 | 1062.0 |
| 40°    | 818.7  | 822.6  | 865.1  | 915.3  | 975.8  | 1040.1 | 1101.9 | 1177.9 | 1168.8 | 1063.3 | 1017.0 |
| 42.5°  | 737.6  | 747.9  | 802.0  | 840.6  | 880.5  | 920.4  | 920.4  | 917.8  | 853.5  | 872.8  | 854.8  |
| 45°    | 729.9  | 732.5  | 777.5  | 835.4  | 850.9  | 795.5  | 718.3  | 675.8  | 681.0  | 774.9  | 817.4  |
| 47.5°  | 809.7  | 813.6  | 859.9  | 915.3  | 859.9  | 762.1  | 686.1  | 679.7  | 675.8  | 841.9  | 986.1  |
| 50°    | 852.2  | 854.8  | 898.5  | 926.8  | 840.6  | 839.3  | 840.6  | 817.4  | 796.8  | 1104.5 | 1414.7 |
| 52.5°  | 877.9  | 880.5  | 877.9  | 914.0  | 884.4  | 952.6  | 929.4  | 890.8  | 875.3  | 1279.6 | 1670.9 |
| 55°    | 809.7  | 826.4  | 895.9  | 991.2  | 993.8  | 1017.0 | 1007.9 | 973.2  | 971.9  | 1345.2 | 1862.7 |
| 57.5°  | 1001.5 | 996.4  | 1023.4 | 1067.2 | 1074.9 | 1076.2 | 1081.3 | 1050.4 | 1059.4 | 1378.7 | 1857.5 |
| 60°    | 1134.1 | 1119.9 | 1091.6 | 1112.2 | 1121.2 | 1135.4 | 1153.4 | 1118.6 | 1128.9 | 1408.3 | 1776.4 |
| 62.5°  | 1259.0 | 1237.1 | 1127.7 | 1123.8 | 1138.0 | 1166.3 | 1192.0 | 1165.0 | 1174.0 | 1418.6 | 1719.8 |
| 65°    | 1240.9 | 1221.6 | 1139.2 | 1094.2 | 1114.8 | 1153.4 | 1189.4 | 1176.6 | 1174.0 | 1396.7 | 1650.3 |
| 67.5°  | 1069.7 | 1071.0 | 1062.0 | 1062.0 | 1054.3 | 1109.6 | 1167.6 | 1168.8 | 1156.0 | 1341.3 | 1546.0 |
| 70°    | 919.1  | 914.0  | 928.1  | 982.2  | 989.9  | 1055.6 | 1132.8 | 1145.7 | 1128.9 | 1279.6 | 1445.6 |
| 72.5°  | 782.7  | 778.8  | 781.4  | 826.4  | 890.8  | 962.9  | 1050.4 | 1081.3 | 1056.9 | 1168.8 | 1323.3 |
| 75°    | 647.5  | 643.6  | 642.4  | 657.8  | 709.3  | 799.4  | 899.8  | 955.2  | 934.6  | 1007.9 | 1144.4 |
| 77.5°  | 491.7  | 484.0  | 484.0  | 489.2  | 527.8  | 608.9  | 705.4  | 782.7  | 772.4  | 812.3  | 923.0  |
| 80°    | 327.0  | 328.3  | 325.7  | 324.4  | 350.1  | 397.8  | 468.6  | 561.3  | 556.1  | 556.1  | 612.7  |
| 82.5°  | 207.3  | 207.3  | 211.1  | 198.2  | 195.7  | 200.8  | 217.6  | 254.9  | 257.5  | 281.9  | 301.2  |
| 85°    | 132.6  | 133.9  | 133.9  | 121.0  | 117.1  | 121.0  | 132.6  | 144.2  | 149.3  | 173.8  | 195.7  |
| 87.5°  | 96.5   | 96.5   | 94.0   | 91.4   | 92.7   | 96.5   | 105.6  | 115.9  | 124.9  | 144.2  | 163.5  |
| 90°    | 73.4   | 73.4   | 72.1   | 70.8   | 73.4   | 78.5   | 90.1   | 101.7  | 113.3  | 135.2  | 153.2  |
| 92.5°  | 60.5   | 60.5   | 59.2   | 59.2   | 60.5   | 64.4   | 74.7   | 87.5   | 99.1   | 117.1  | 133.9  |
| 95°    | 50.2   | 51.5   | 50.2   | 51.5   | 52.8   | 55.4   | 61.8   | 72.1   | 79.8   | 91.4   | 103.0  |
| 97.5°  | 39.9   | 41.2   | 41.2   | 41.2   | 42.5   | 46.3   | 50.2   | 56.6   | 61.8   | 66.9   | 74.7   |
| 100°   | 29.6   | 30.9   | 30.9   | 30.9   | 32.2   | 36.0   | 39.9   | 42.5   | 43.8   | 45.1   | 48.9   |
| 102.5° | 21.9   | 23.2   | 23.2   | 23.2   | 23.2   | 25.7   | 27.0   | 28.3   | 28.3   | 28.3   | 29.6   |
| 105°   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 15.4   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   |
| 107.5° | 11.6   | 11.6   | 11.6   | 11.6   | 11.6   | 11.6   | 12.9   | 12.9   | 12.9   | 12.9   | 12.9   |
| 110°   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 11.6   | 10.3   | 10.3   | 11.6   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55°  | 65°  | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|
| 112.5° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.3 | 10.3 | 9.0 | 9.0 | 9.0 |
| 115°   | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 9.0  | 9.0  | 7.7 | 7.7 | 7.7 |
| 117.5° | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 7.7  | 7.7  | 6.4 | 7.7 | 7.7 |
| 120°   | 6.4 | 7.7 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4  | 6.4  | 6.4 | 6.4 | 7.7 |
| 122.5° | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1  | 5.1  | 5.1 | 6.4 | 6.4 |
| 125°   | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1  | 5.1  | 5.1 | 5.1 | 5.1 |
| 127.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9  | 3.9  | 3.9 | 5.1 | 5.1 |
| 130°   | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9  | 3.9  | 3.9 | 3.9 | 3.9 |
| 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°     | 634.6  | 634.6  | 634.6 | 634.6 | 634.6 | 634.6 | 634.6 | 634.6 | 634.6 | 634.6 | 634.6 |
| 2.5°   | 637.2  | 639.8  | 644.9 | 650.1 | 655.2 | 660.4 | 662.9 | 664.2 | 665.5 | 662.9 | 664.2 |
| 5°     | 652.7  | 655.2  | 662.9 | 670.7 | 669.4 | 665.5 | 660.4 | 660.4 | 661.7 | 661.7 | 664.2 |
| 7.5°   | 660.4  | 664.2  | 661.7 | 662.9 | 665.5 | 661.7 | 656.5 | 650.1 | 642.4 | 642.4 | 643.6 |
| 10°    | 659.1  | 655.2  | 659.1 | 655.2 | 646.2 | 644.9 | 642.4 | 633.3 | 628.2 | 629.5 | 629.5 |
| 12.5°  | 659.1  | 657.8  | 650.1 | 646.2 | 638.5 | 624.3 | 617.9 | 620.5 | 614.0 | 615.3 | 612.7 |
| 15°    | 669.4  | 660.4  | 650.1 | 637.2 | 620.5 | 612.7 | 603.7 | 589.6 | 588.3 | 588.3 | 588.3 |
| 17.5°  | 675.8  | 669.4  | 646.2 | 620.5 | 608.9 | 589.6 | 579.3 | 575.4 | 565.1 | 569.0 | 571.6 |
| 20°    | 691.3  | 675.8  | 642.4 | 615.3 | 575.4 | 563.8 | 547.1 | 543.2 | 538.1 | 522.6 | 517.5 |
| 22.5°  | 704.1  | 690.0  | 638.5 | 590.9 | 557.4 | 530.4 | 504.6 | 486.6 | 477.6 | 471.1 | 466.0 |
| 25°    | 732.5  | 710.6  | 642.4 | 579.3 | 527.8 | 493.0 | 469.9 | 437.7 | 415.8 | 413.2 | 415.8 |
| 27.5°  | 769.8  | 735.0  | 651.4 | 563.8 | 504.6 | 450.5 | 404.2 | 382.3 | 359.2 | 351.4 | 352.7 |
| 30°    | 817.4  | 771.1  | 650.1 | 549.7 | 463.4 | 401.6 | 342.4 | 305.1 | 287.1 | 279.3 | 278.1 |
| 32.5°  | 885.6  | 821.3  | 679.7 | 531.6 | 426.1 | 333.4 | 269.0 | 222.7 | 213.7 | 212.4 | 211.1 |
| 35°    | 952.6  | 902.4  | 693.8 | 504.6 | 372.0 | 267.8 | 203.4 | 175.1 | 173.8 | 172.5 | 171.2 |
| 37.5°  | 1041.4 | 982.2  | 733.7 | 487.9 | 320.5 | 202.1 | 163.5 | 142.9 | 139.0 | 132.6 | 135.2 |
| 40°    | 1001.5 | 952.6  | 745.3 | 462.1 | 248.4 | 149.3 | 122.3 | 105.6 | 103.0 | 104.3 | 103.0 |
| 42.5°  | 843.2  | 807.1  | 650.1 | 397.8 | 171.2 | 109.4 | 91.4  | 94.0  | 99.1  | 103.0 | 103.0 |
| 45°    | 817.4  | 746.6  | 468.6 | 281.9 | 110.7 | 91.4  | 88.8  | 92.7  | 101.7 | 110.7 | 112.0 |
| 47.5°  | 987.3  | 897.2  | 410.6 | 217.6 | 127.4 | 104.3 | 95.3  | 95.3  | 100.4 | 101.7 | 100.4 |
| 50°    | 1399.3 | 1262.8 | 480.2 | 249.7 | 158.3 | 126.2 | 109.4 | 103.0 | 105.6 | 108.1 | 106.8 |
| 52.5°  | 1696.6 | 1525.4 | 547.1 | 298.6 | 198.2 | 150.6 | 128.7 | 113.3 | 110.7 | 110.7 | 109.4 |
| 55°    | 1870.4 | 1676.0 | 625.6 | 368.2 | 248.4 | 181.5 | 149.3 | 131.3 | 124.9 | 119.7 | 119.7 |
| 57.5°  | 1879.4 | 1681.2 | 708.0 | 436.4 | 310.2 | 226.6 | 177.6 | 153.2 | 148.0 | 136.5 | 133.9 |
| 60°    | 1816.4 | 1659.3 | 771.1 | 504.6 | 369.4 | 289.6 | 226.6 | 190.5 | 184.1 | 177.6 | 173.8 |
| 62.5°  | 1758.4 | 1623.3 | 802.0 | 561.3 | 432.5 | 360.4 | 288.4 | 238.1 | 217.6 | 225.3 | 230.4 |
| 65°    | 1683.8 | 1583.4 | 781.4 | 566.4 | 460.8 | 402.9 | 333.4 | 260.0 | 225.3 | 242.0 | 251.0 |
| 67.5°  | 1569.2 | 1479.1 | 729.9 | 520.1 | 430.0 | 377.2 | 312.8 | 244.6 | 217.6 | 224.0 | 224.0 |
| 70°    | 1453.3 | 1356.8 | 679.7 | 484.0 | 387.5 | 332.1 | 271.6 | 218.8 | 215.0 | 211.1 | 211.1 |
| 72.5°  | 1316.9 | 1202.3 | 614.0 | 462.1 | 370.7 | 323.1 | 263.9 | 220.1 | 230.4 | 235.6 | 235.6 |
| 75°    | 1144.4 | 1017.0 | 544.5 | 442.8 | 363.0 | 329.5 | 265.2 | 236.9 | 254.9 | 257.5 | 257.5 |
| 77.5°  | 937.1  | 798.1  | 463.4 | 408.1 | 341.1 | 316.7 | 247.2 | 233.0 | 251.0 | 254.9 | 256.2 |
| 80°    | 644.9  | 565.1  | 388.8 | 355.3 | 305.1 | 284.5 | 227.8 | 226.6 | 244.6 | 253.6 | 254.9 |
| 82.5°  | 327.0  | 321.8  | 283.2 | 279.3 | 260.0 | 248.4 | 211.1 | 220.1 | 239.4 | 252.3 | 253.6 |
| 85°    | 202.1  | 209.8  | 189.2 | 186.7 | 193.1 | 198.2 | 191.8 | 209.8 | 224.0 | 238.1 | 240.7 |
| 87.5°  | 168.6  | 177.6  | 158.3 | 150.6 | 153.2 | 162.2 | 169.9 | 189.2 | 202.1 | 213.7 | 215.0 |
| 90°    | 158.3  | 166.1  | 135.2 | 128.7 | 133.9 | 140.3 | 145.5 | 155.8 | 166.1 | 172.5 | 172.5 |
| 92.5°  | 139.0  | 141.6  | 112.0 | 106.8 | 114.6 | 118.4 | 117.1 | 119.7 | 119.7 | 106.8 | 106.8 |
| 95°    | 106.8  | 106.8  | 85.0  | 85.0  | 91.4  | 92.7  | 83.7  | 75.9  | 70.8  | 42.5  | 36.0  |
| 97.5°  | 77.2   | 75.9   | 61.8  | 61.8  | 66.9  | 65.7  | 55.4  | 46.3  | 38.6  | 24.5  | 25.7  |
| 100°   | 51.5   | 50.2   | 41.2  | 43.8  | 46.3  | 41.2  | 34.8  | 28.3  | 23.2  | 15.4  | 18.0  |
| 102.5° | 30.9   | 29.6   | 27.0  | 28.3  | 27.0  | 25.7  | 20.6  | 16.7  | 14.2  | 9.0   | 10.3  |
| 105°   | 18.0   | 16.7   | 16.7  | 16.7  | 16.7  | 15.4  | 14.2  | 10.3  | 7.7   | 5.1   | 5.1   |
| 107.5° | 12.9   | 12.9   | 12.9  | 11.6  | 11.6  | 10.3  | 9.0   | 7.7   | 5.1   | 3.9   | 2.6   |
| 110°   | 11.6   | 10.3   | 10.3  | 10.3  | 9.0   | 9.0   | 7.7   | 6.4   | 3.9   | 2.6   | 2.6   |

REPORT NUMBER: P691348

CATALOG NUMBER: CRTK2-C015-D-U-T3-8027-SR-CARETAKER

**CANDELA DISTRIBUTION (continued):**

|        | 91° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 9.0 | 9.0 | 9.0  | 7.7  | 7.7  | 6.4  | 5.1  | 5.1  | 3.9  | 1.3  | 1.3  |
| 115°   | 7.7 | 7.7 | 6.4  | 6.4  | 5.1  | 5.1  | 3.9  | 3.9  | 2.6  | 1.3  | 1.3  |
| 117.5° | 7.7 | 7.7 | 5.1  | 5.1  | 3.9  | 3.9  | 3.9  | 2.6  | 1.3  | 1.3  | 1.3  |
| 120°   | 7.7 | 6.4 | 5.1  | 3.9  | 3.9  | 3.9  | 2.6  | 2.6  | 1.3  | 0.0  | 1.3  |
| 122.5° | 6.4 | 6.4 | 3.9  | 3.9  | 2.6  | 2.6  | 2.6  | 1.3  | 1.3  | 0.0  | 0.0  |
| 125°   | 5.1 | 5.1 | 3.9  | 2.6  | 2.6  | 2.6  | 2.6  | 1.3  | 1.3  | 0.0  | 0.0  |
| 127.5° | 5.1 | 5.1 | 3.9  | 2.6  | 2.6  | 2.6  | 2.6  | 1.3  | 1.3  | 0.0  | 0.0  |
| 130°   | 3.9 | 3.9 | 2.6  | 2.6  | 2.6  | 2.6  | 1.3  | 1.3  | 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)