

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: P691135

Luminaire Tested: **CRTK2-C013-D-U-T2-8027**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691135  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C013-D-U-T2-8027  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE II OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2644 lumens  
Efficiency: N/A  
Efficacy: 129.6 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type II - Short  
BUG Rating: B1 - U2 - G1

Input Watts (W): 20.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

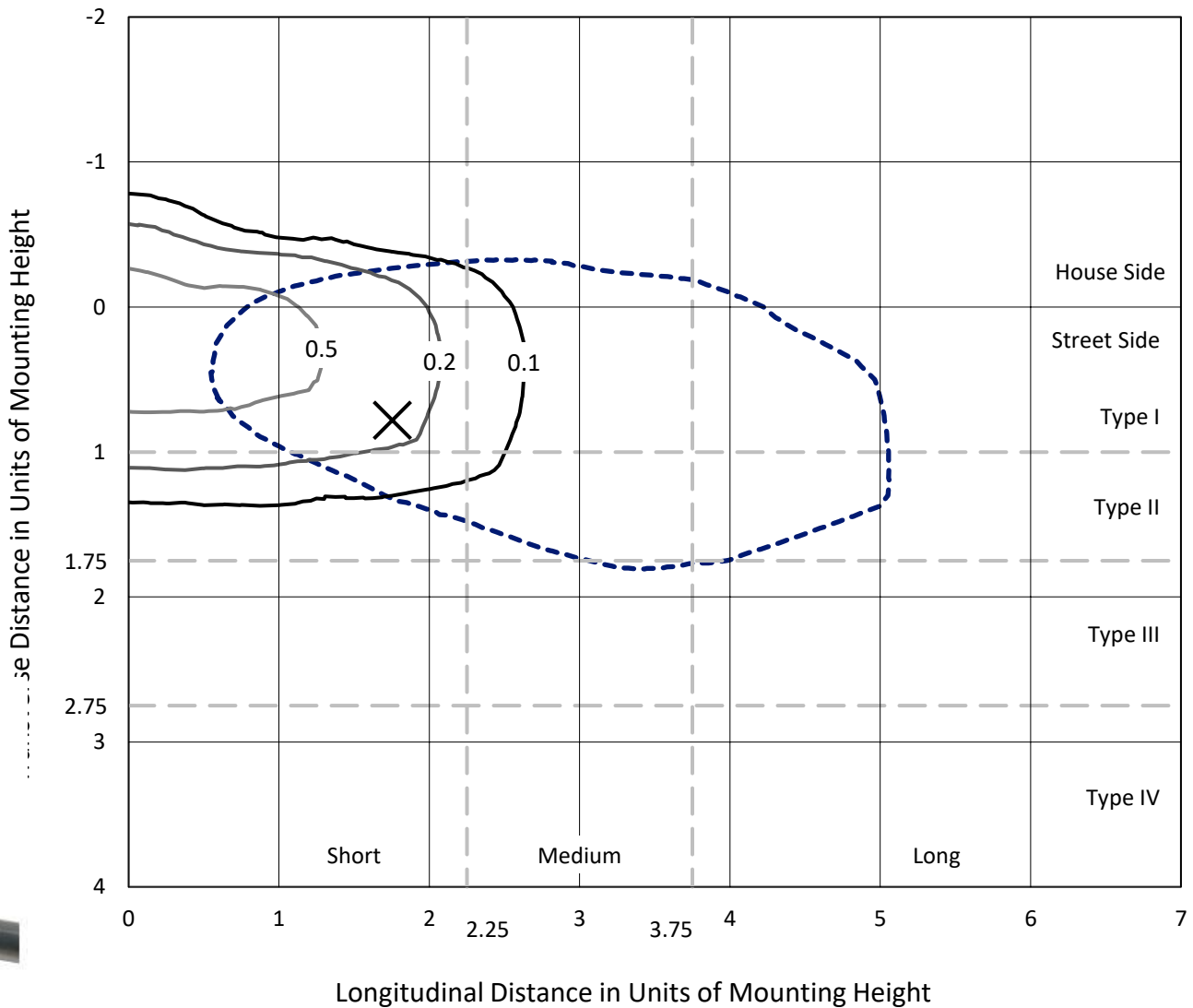


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## Iso-Footcandle Lines of Horizontal Illumination

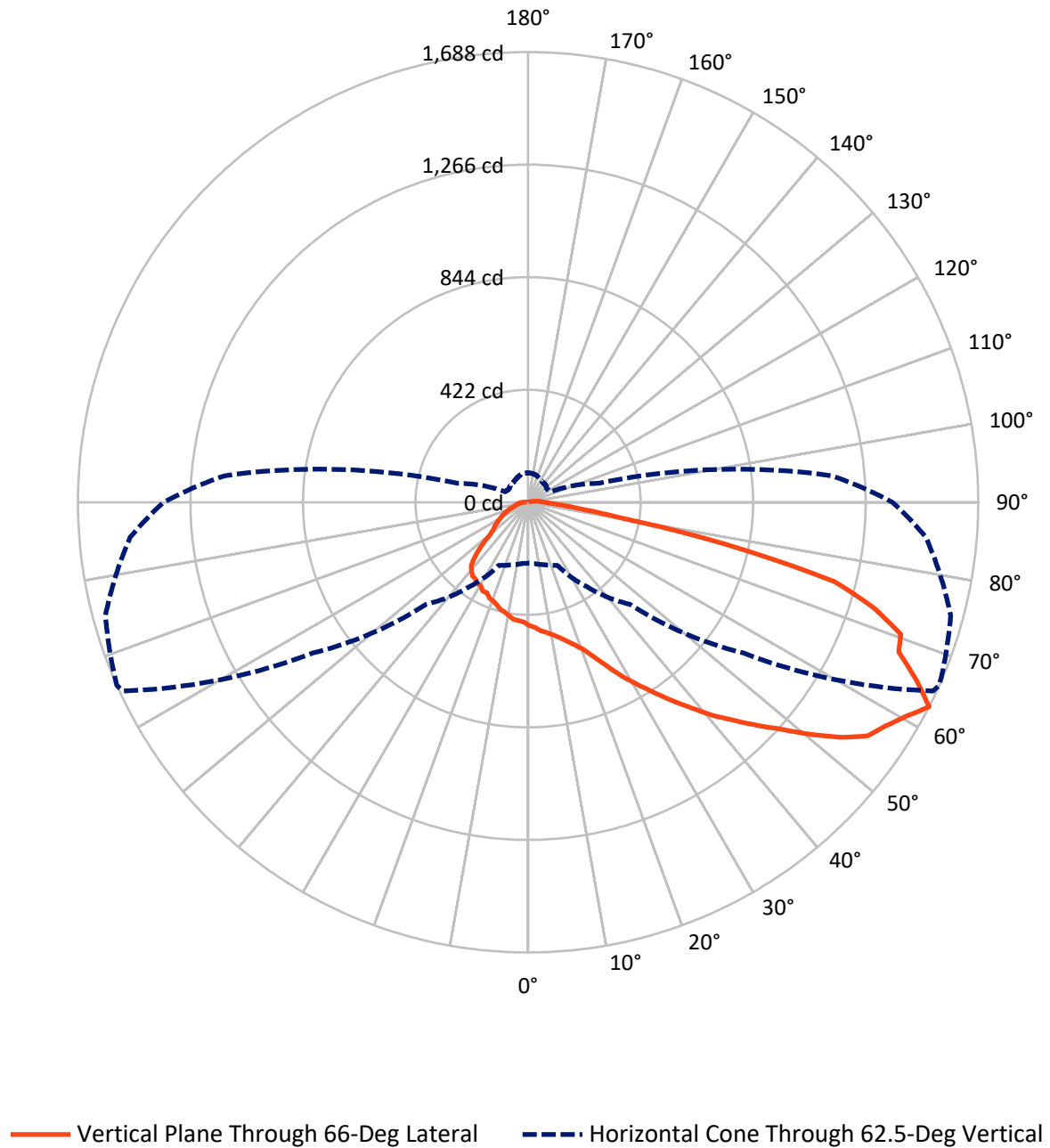
✕ Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
Type II - Short - N/A

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## Luminous Intensity Polar Plot



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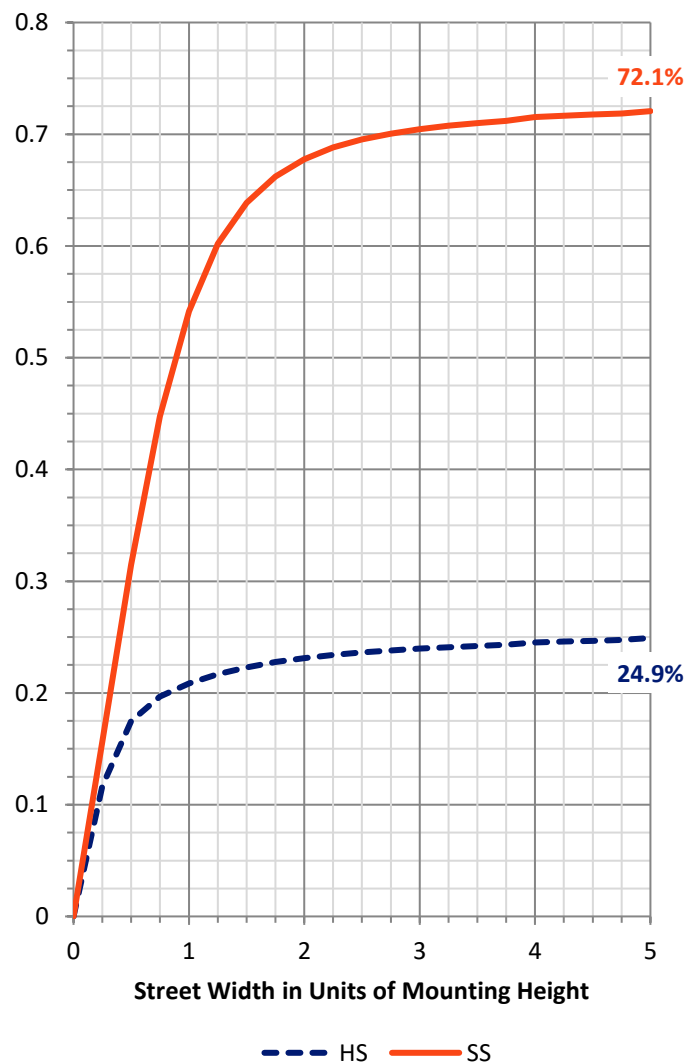
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 688.2    | 19.1   | 707.3  |
|                    | % Fixture | 26.0     | 0.7    | 26.7   |
| <b>Street Side</b> | Lumens    | 1918.0   | 18.8   | 1936.8 |
|                    | % Fixture | 72.5     | 0.7    | 73.3   |
| <b>Total</b>       | Lumens    | 2606.2   | 37.9   | 2644.0 |
|                    | % Fixture | 98.6     | 1.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 44.4   | 1.7       |
| 10°-20°   | 132.9  | 5.0       |
| 20°-30°   | 225.0  | 8.5       |
| 30°-40°   | 329.1  | 12.4      |
| 40°-50°   | 430.2  | 16.3      |
| 50°-60°   | 500.6  | 18.9      |
| 60°-70°   | 500.8  | 18.9      |
| 70°-80°   | 345.5  | 13.1      |
| 80°-90°   | 97.7   | 3.7       |
| 90°-100°  | 32.2   | 1.2       |
| 100°-110° | 4.4    | 0.2       |
| 110°-120° | 0.3    | 0.0       |
| 120°-130° | 0.3    | 0.0       |
| 130°-140° | 0.3    | 0.0       |
| 140°-150° | 0.2    | 0.0       |
| 150°-160° | 0.2    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2606.2 | 98.6      |
| 0°-180°   | 2644.0 | 100.0     |

**Coefficient of Utilization**



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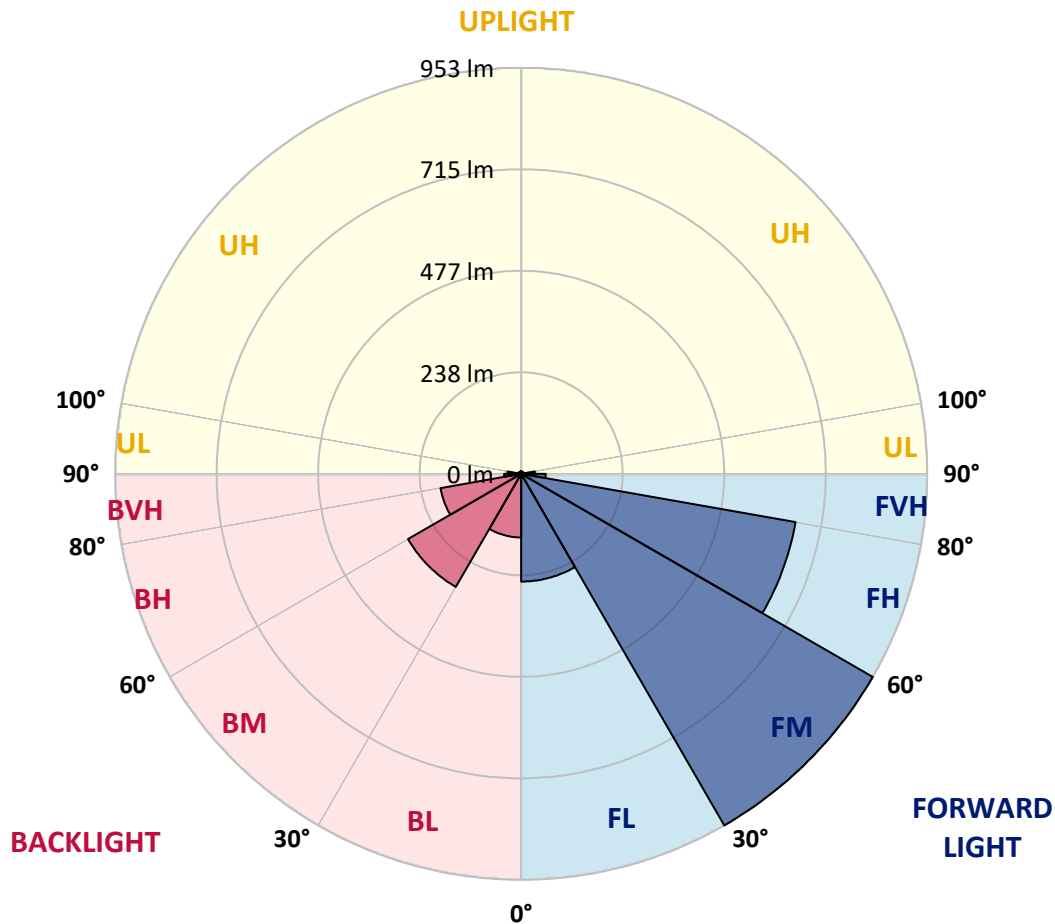
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |        |
|------|-------------|--------|-----------|-------------------------|-------|--------|
|      |             |        |           | B                       | U     | G      |
| FL   | (0°-30°)    | 252.9  | 9.6       |                         |       |        |
| FM   | (30°-60°)   | 953.2  | 36.1      |                         |       |        |
| FH   | (60°-80°)   | 654.1  | 24.7      |                         |       | G0/660 |
| FVH  | (80°-90°)   | 57.7   | 2.2       |                         |       | G1/100 |
| BL   | (0°-30°)    | 149.4  | 5.6       | B1/500                  |       |        |
| BM   | (30°-60°)   | 306.6  | 11.6      | B1/1000                 |       |        |
| BH   | (60°-80°)   | 192.2  | 7.3       | B1/500                  |       | G1/500 |
| BVH  | (80°-90°)   | 40.0   | 1.5       |                         |       | G1/100 |
| UL   | (90°-100°)  | 32.2   | 1.2       |                         | U2/50 |        |
| UH   | (100°-180°) | 5.7    | 0.2       |                         | U1/10 |        |

**BUG Rating: B1-U2-G1**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°    | 65°    | 66°    | 75°    | 85°    |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°     | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0  | 462.0  | 462.0  | 462.0  | 462.0  |
| 2.5°   | 485.7 | 484.8 | 484.8 | 480.4 | 476.0 | 475.1 | 472.5  | 469.0  | 469.0  | 466.3  | 462.0  |
| 5°     | 514.6 | 513.8 | 514.6 | 508.5 | 502.4 | 497.1 | 488.3  | 483.9  | 483.0  | 476.9  | 468.1  |
| 7.5°   | 534.8 | 534.0 | 533.1 | 527.8 | 525.2 | 519.9 | 507.6  | 494.4  | 492.7  | 486.5  | 475.1  |
| 10°    | 542.8 | 543.6 | 548.0 | 539.2 | 534.0 | 529.6 | 522.6  | 506.7  | 505.0  | 490.9  | 473.4  |
| 12.5°  | 563.8 | 564.7 | 562.1 | 551.5 | 549.8 | 546.3 | 534.8  | 521.7  | 519.9  | 502.4  | 477.8  |
| 15°    | 585.8 | 585.8 | 582.3 | 576.1 | 571.7 | 568.2 | 554.2  | 540.1  | 539.2  | 518.2  | 489.2  |
| 17.5°  | 595.4 | 597.2 | 598.1 | 590.2 | 588.4 | 587.5 | 580.5  | 563.0  | 561.2  | 541.0  | 505.0  |
| 20°    | 601.6 | 602.5 | 603.4 | 602.5 | 603.4 | 602.5 | 606.0  | 591.9  | 587.5  | 566.5  | 522.6  |
| 22.5°  | 613.9 | 615.6 | 621.8 | 621.8 | 624.4 | 630.6 | 627.9  | 629.7  | 627.9  | 602.5  | 552.4  |
| 25°    | 620.0 | 622.7 | 630.6 | 640.2 | 651.7 | 658.7 | 668.3  | 675.4  | 676.2  | 653.4  | 598.1  |
| 27.5°  | 610.4 | 616.5 | 636.7 | 651.7 | 678.0 | 696.4 | 719.3  | 730.7  | 732.5  | 710.5  | 647.3  |
| 30°    | 622.7 | 622.7 | 635.0 | 656.0 | 688.5 | 731.6 | 766.7  | 784.3  | 786.0  | 769.3  | 696.4  |
| 32.5°  | 599.8 | 605.1 | 633.2 | 673.6 | 720.2 | 769.3 | 803.6  | 837.8  | 842.2  | 837.0  | 766.7  |
| 35°    | 597.2 | 599.8 | 617.4 | 659.6 | 721.9 | 804.5 | 851.9  | 896.7  | 905.5  | 907.2  | 834.3  |
| 37.5°  | 572.6 | 576.1 | 608.6 | 661.3 | 746.5 | 829.1 | 889.7  | 963.4  | 971.3  | 983.6  | 893.2  |
| 40°    | 541.9 | 547.1 | 573.5 | 632.3 | 739.5 | 858.0 | 930.1  | 1033.7 | 1045.1 | 1060.0 | 970.5  |
| 42.5°  | 501.5 | 511.1 | 555.9 | 619.2 | 736.0 | 867.7 | 968.7  | 1103.9 | 1114.5 | 1130.3 | 1035.4 |
| 45°    | 467.2 | 469.9 | 505.9 | 571.7 | 707.9 | 880.9 | 1004.7 | 1183.0 | 1190.0 | 1197.9 | 1088.1 |
| 47.5°  | 436.5 | 441.8 | 472.5 | 534.0 | 678.0 | 878.2 | 1036.3 | 1257.6 | 1269.9 | 1293.6 | 1152.3 |
| 50°    | 345.1 | 357.4 | 444.4 | 501.5 | 632.3 | 870.3 | 1062.7 | 1345.5 | 1365.7 | 1374.4 | 1225.1 |
| 52.5°  | 298.6 | 302.1 | 346.0 | 469.9 | 581.4 | 844.0 | 1085.5 | 1441.2 | 1464.0 | 1443.8 | 1313.0 |
| 55°    | 275.8 | 279.3 | 299.5 | 405.7 | 541.9 | 790.4 | 1103.1 | 1531.7 | 1545.7 | 1498.3 | 1378.0 |
| 57.5°  | 263.5 | 266.1 | 276.6 | 328.5 | 493.6 | 705.2 | 1104.8 | 1576.4 | 1581.7 | 1541.3 | 1411.3 |
| 60°    | 242.4 | 245.0 | 263.5 | 286.3 | 440.0 | 614.8 | 1074.1 | 1601.9 | 1629.1 | 1594.0 | 1475.4 |
| 62.5°  | 228.3 | 230.1 | 242.4 | 260.8 | 388.2 | 541.0 | 984.5  | 1674.8 | 1688.0 | 1640.6 | 1497.4 |
| 65°    | 210.8 | 212.5 | 224.0 | 240.6 | 354.8 | 499.7 | 945.9  | 1644.9 | 1596.6 | 1629.1 | 1526.4 |
| 67.5°  | 190.6 | 193.2 | 203.8 | 217.8 | 299.5 | 459.3 | 834.3  | 1533.4 | 1499.2 | 1571.2 | 1450.9 |
| 70°    | 172.1 | 173.9 | 185.3 | 193.2 | 245.9 | 406.6 | 692.9  | 1446.5 | 1482.5 | 1481.6 | 1382.3 |
| 72.5°  | 151.9 | 153.7 | 163.4 | 170.4 | 205.5 | 344.3 | 549.8  | 1346.3 | 1356.9 | 1319.1 | 1223.4 |
| 75°    | 130.9 | 131.7 | 140.5 | 147.5 | 168.6 | 275.8 | 401.4  | 1113.6 | 1186.5 | 1261.2 | 1058.3 |
| 77.5°  | 105.4 | 108.0 | 115.0 | 118.6 | 135.2 | 220.4 | 261.7  | 659.6  | 753.5  | 1109.2 | 945.9  |
| 80°    | 79.0  | 79.0  | 84.3  | 86.1  | 100.1 | 164.2 | 165.1  | 317.9  | 341.6  | 705.2  | 702.6  |
| 82.5°  | 50.1  | 52.7  | 58.0  | 57.1  | 67.6  | 94.0  | 104.5  | 176.5  | 189.7  | 279.3  | 311.8  |
| 85°    | 40.4  | 41.3  | 44.8  | 42.2  | 44.8  | 50.9  | 58.8   | 111.5  | 115.9  | 170.4  | 169.5  |
| 87.5°  | 33.4  | 34.3  | 36.9  | 35.1  | 36.0  | 38.6  | 45.7   | 74.7   | 76.4   | 109.8  | 113.3  |
| 90°    | 25.5  | 26.3  | 29.9  | 29.0  | 28.1  | 31.6  | 37.8   | 57.1   | 59.7   | 86.9   | 93.1   |
| 92.5°  | 16.7  | 16.7  | 19.3  | 19.3  | 19.3  | 22.8  | 33.4   | 43.9   | 45.7   | 79.0   | 83.4   |
| 95°    | 12.3  | 12.3  | 13.2  | 14.1  | 13.2  | 16.7  | 24.6   | 39.5   | 43.0   | 73.8   | 72.0   |
| 97.5°  | 7.9   | 7.9   | 8.8   | 9.7   | 8.8   | 10.5  | 14.1   | 28.1   | 31.6   | 57.1   | 56.2   |
| 100°   | 5.3   | 5.3   | 5.3   | 5.3   | 5.3   | 5.3   | 7.9    | 18.4   | 21.1   | 36.0   | 35.1   |
| 102.5° | 3.5   | 3.5   | 3.5   | 3.5   | 2.6   | 2.6   | 3.5    | 8.8    | 9.7    | 19.3   | 18.4   |
| 105°   | 0.9   | 0.9   | 1.8   | 1.8   | 1.8   | 0.9   | 0.9    | 3.5    | 4.4    | 7.9    | 7.9    |
| 107.5° | 0.0   | 0.0   | 0.0   | 0.9   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.9    | 0.9    |
| 110°   | 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):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.9 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 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 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 |
| 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 | 0.9 | 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 | 0.9 | 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°     | 462.0  | 462.0  | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 | 462.0 |
| 2.5°   | 460.2  | 457.6  | 453.2 | 448.8 | 446.1 | 443.5 | 439.1 | 435.6 | 435.6 | 440.0 | 440.0 |
| 5°     | 462.0  | 456.7  | 447.9 | 444.4 | 440.0 | 433.9 | 426.8 | 421.6 | 418.9 | 422.4 | 423.3 |
| 7.5°   | 466.3  | 458.4  | 449.7 | 441.8 | 426.8 | 415.4 | 409.3 | 402.2 | 401.4 | 404.9 | 406.6 |
| 10°    | 462.8  | 454.9  | 444.4 | 429.5 | 413.7 | 404.9 | 393.5 | 384.7 | 384.7 | 382.0 | 383.8 |
| 12.5°  | 466.3  | 455.8  | 434.7 | 418.9 | 404.9 | 385.5 | 371.5 | 362.7 | 361.8 | 364.5 | 364.5 |
| 15°    | 475.1  | 459.3  | 432.1 | 412.8 | 389.9 | 370.6 | 356.6 | 346.9 | 349.5 | 344.3 | 345.1 |
| 17.5°  | 485.7  | 462.0  | 432.1 | 398.7 | 373.3 | 354.8 | 335.5 | 324.1 | 324.9 | 325.8 | 326.7 |
| 20°    | 498.8  | 469.0  | 427.7 | 388.2 | 357.4 | 331.1 | 309.1 | 300.4 | 297.7 | 299.5 | 300.4 |
| 22.5°  | 519.0  | 484.8  | 425.9 | 382.9 | 335.5 | 310.0 | 290.7 | 273.1 | 271.4 | 271.4 | 271.4 |
| 25°    | 552.4  | 508.5  | 433.9 | 365.3 | 324.1 | 285.4 | 263.5 | 246.8 | 238.9 | 239.8 | 240.6 |
| 27.5°  | 603.4  | 546.3  | 441.8 | 366.2 | 297.7 | 263.5 | 236.2 | 217.8 | 213.4 | 214.3 | 215.2 |
| 30°    | 656.9  | 597.2  | 462.0 | 348.7 | 282.8 | 230.1 | 202.0 | 188.8 | 183.6 | 180.9 | 181.8 |
| 32.5°  | 698.2  | 642.0  | 490.1 | 343.4 | 255.6 | 194.1 | 176.5 | 166.0 | 159.0 | 156.3 | 156.3 |
| 35°    | 764.1  | 685.9  | 512.9 | 330.2 | 227.5 | 171.3 | 157.2 | 145.8 | 142.3 | 140.5 | 140.5 |
| 37.5°  | 820.3  | 734.2  | 536.6 | 324.9 | 193.2 | 153.7 | 136.1 | 129.1 | 129.1 | 127.3 | 126.5 |
| 40°    | 880.9  | 785.1  | 549.8 | 309.1 | 166.9 | 135.2 | 117.7 | 116.8 | 119.4 | 119.4 | 119.4 |
| 42.5°  | 953.8  | 837.8  | 563.8 | 290.7 | 146.7 | 114.2 | 104.5 | 111.5 | 117.7 | 119.4 | 119.4 |
| 45°    | 1008.2 | 871.2  | 570.0 | 251.2 | 126.5 | 99.2  | 102.8 | 109.8 | 117.7 | 120.3 | 119.4 |
| 47.5°  | 1054.8 | 919.5  | 561.2 | 202.9 | 108.9 | 96.6  | 101.0 | 107.1 | 116.8 | 120.3 | 120.3 |
| 50°    | 1101.3 | 960.8  | 555.0 | 146.7 | 101.9 | 96.6  | 101.0 | 103.6 | 114.2 | 118.6 | 118.6 |
| 52.5°  | 1169.8 | 993.3  | 530.5 | 123.0 | 96.6  | 97.5  | 102.8 | 102.8 | 112.4 | 117.7 | 120.3 |
| 55°    | 1257.6 | 1067.9 | 483.9 | 115.0 | 94.8  | 96.6  | 103.6 | 103.6 | 110.7 | 115.9 | 117.7 |
| 57.5°  | 1293.6 | 1094.3 | 404.0 | 108.0 | 93.1  | 96.6  | 101.0 | 102.8 | 111.5 | 115.0 | 114.2 |
| 60°    | 1341.1 | 1137.3 | 331.1 | 101.0 | 89.6  | 94.8  | 97.5  | 103.6 | 110.7 | 111.5 | 110.7 |
| 62.5°  | 1366.5 | 1142.6 | 274.0 | 94.0  | 86.9  | 92.2  | 93.1  | 100.1 | 107.1 | 109.8 | 110.7 |
| 65°    | 1380.6 | 1137.3 | 202.9 | 86.9  | 84.3  | 88.7  | 89.6  | 95.7  | 102.8 | 104.5 | 105.4 |
| 67.5°  | 1329.7 | 1101.3 | 140.5 | 79.9  | 81.7  | 84.3  | 86.1  | 92.2  | 97.5  | 102.8 | 104.5 |
| 70°    | 1238.3 | 996.8  | 100.1 | 71.1  | 77.3  | 79.9  | 83.4  | 89.6  | 94.8  | 101.9 | 103.6 |
| 72.5°  | 1137.3 | 802.7  | 73.8  | 60.6  | 71.1  | 74.7  | 80.8  | 85.2  | 93.1  | 101.9 | 104.5 |
| 75°    | 1042.5 | 704.3  | 58.8  | 51.8  | 60.6  | 68.5  | 76.4  | 82.6  | 94.0  | 124.7 | 129.1 |
| 77.5°  | 739.5  | 476.0  | 52.7  | 45.7  | 51.8  | 59.7  | 70.3  | 80.8  | 130.9 | 148.4 | 149.3 |
| 80°    | 536.6  | 280.2  | 47.4  | 40.4  | 44.8  | 48.3  | 64.1  | 99.2  | 144.9 | 137.0 | 137.0 |
| 82.5°  | 268.7  | 150.2  | 44.8  | 36.0  | 38.6  | 39.5  | 57.1  | 126.5 | 116.8 | 122.1 | 123.0 |
| 85°    | 130.0  | 72.9   | 36.9  | 31.6  | 33.4  | 32.5  | 53.6  | 120.3 | 110.7 | 111.5 | 109.8 |
| 87.5°  | 81.7   | 44.8   | 29.0  | 26.3  | 27.2  | 26.3  | 50.9  | 115.0 | 115.9 | 94.8  | 96.6  |
| 90°    | 73.8   | 52.7   | 22.8  | 21.1  | 18.4  | 22.0  | 45.7  | 107.1 | 113.3 | 68.5  | 57.1  |
| 92.5°  | 71.1   | 57.1   | 16.7  | 14.9  | 13.2  | 17.6  | 34.3  | 86.9  | 69.4  | 29.0  | 17.6  |
| 95°    | 63.2   | 50.1   | 14.1  | 10.5  | 12.3  | 14.9  | 22.0  | 58.0  | 46.5  | 0.0   | 0.0   |
| 97.5°  | 47.4   | 36.9   | 11.4  | 7.0   | 39.5  | 13.2  | 12.3  | 37.8  | 13.2  | 0.0   | 0.0   |
| 100°   | 29.9   | 22.8   | 8.8   | 5.3   | 44.8  | 8.8   | 7.9   | 22.0  | 0.0   | 0.0   | 0.0   |
| 102.5° | 16.7   | 12.3   | 4.4   | 3.5   | 19.3  | 4.4   | 5.3   | 5.3   | 0.0   | 0.0   | 0.0   |
| 105°   | 7.0    | 6.1    | 1.8   | 1.8   | 1.8   | 0.9   | 2.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 1.8    | 2.6    | 0.9   | 0.9   | 0.9   | 0.9   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.9    | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P691135

CATALOG NUMBER: CRTK2-C013-D-U-T2-8027

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.9 | 0.9 | 0.9  | 1.8  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.9 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.9 | 0.9  | 0.9  | 0.9  | 0.9  | 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)