

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1050383

Luminaire Tested: PTR-14-30-PR1-L935-UNV-STD-W

Issue Date: 7/11/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1050383  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/11/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: PTR-14-30-PR1-L935-UNV-STD-W  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPPLE LENS  
  
Light Source:  
Ballast/Driver: -

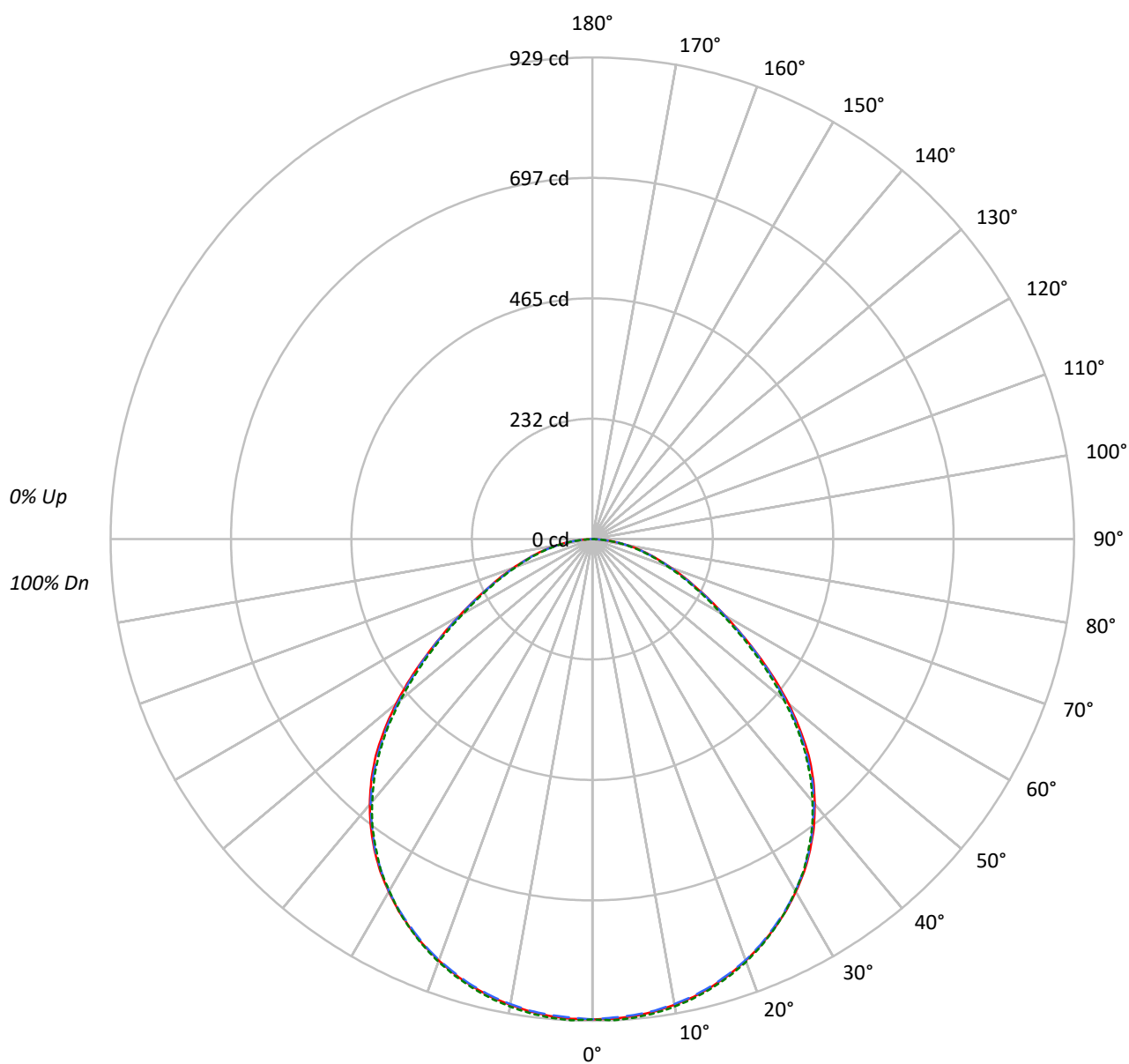
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2342.4 lumens  
Efficiency: N/A  
Efficacy: 101.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34  
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 23  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor:  
Total Harmonic Distortion (THDi):  
Frequency (hertz): 60  
Stabilization Time: HR  
Operation Time: HR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 110 | 105 | 101 | 98  | 107 | 103 | 99  | 96  | 99  | 96  | 93  | 95  | 92  | 90  | 91  | 89  | 88  | 85  |    |    |
| 2   | 100 | 93  | 86  | 81  | 98  | 91  | 85  | 80  | 87  | 82  | 78  | 84  | 80  | 76  | 81  | 78  | 75  | 73  |    |    |
| 3   | 92  | 82  | 74  | 68  | 90  | 80  | 73  | 68  | 78  | 71  | 66  | 75  | 70  | 65  | 72  | 68  | 64  | 62  |    |    |
| 4   | 85  | 73  | 65  | 58  | 82  | 72  | 64  | 58  | 69  | 63  | 57  | 67  | 61  | 56  | 65  | 60  | 56  | 54  |    |    |
| 5   | 78  | 66  | 57  | 51  | 76  | 65  | 56  | 50  | 62  | 55  | 50  | 61  | 54  | 49  | 59  | 53  | 49  | 47  |    |    |
| 6   | 72  | 59  | 51  | 45  | 70  | 58  | 50  | 44  | 57  | 49  | 44  | 55  | 49  | 44  | 53  | 48  | 43  | 41  |    |    |
| 7   | 67  | 54  | 45  | 40  | 65  | 53  | 45  | 39  | 52  | 44  | 39  | 50  | 44  | 39  | 49  | 43  | 39  | 37  |    |    |
| 8   | 62  | 49  | 41  | 35  | 61  | 49  | 41  | 35  | 47  | 40  | 35  | 46  | 40  | 35  | 45  | 39  | 35  | 33  |    |    |
| 9   | 58  | 45  | 37  | 32  | 57  | 45  | 37  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 42  | 36  | 31  | 30  |    |    |
| 10  | 55  | 42  | 34  | 29  | 54  | 41  | 34  | 29  | 40  | 34  | 29  | 39  | 33  | 29  | 39  | 33  | 29  | 27  |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 2492 | 2492 | 2492 |
| 5°  | 2495 | 2489 | 2503 |
| 10° | 2493 | 2488 | 2502 |
| 15° | 2488 | 2484 | 2496 |
| 20° | 2478 | 2475 | 2484 |
| 25° | 2461 | 2456 | 2464 |
| 30° | 2440 | 2436 | 2434 |
| 35° | 2406 | 2400 | 2391 |
| 40° | 2345 | 2336 | 2320 |
| 45° | 2247 | 2222 | 2206 |
| 50° | 2068 | 2045 | 2019 |
| 55° | 1830 | 1822 | 1787 |
| 60° | 1590 | 1584 | 1542 |
| 65° | 1401 | 1393 | 1366 |
| 70° | 1271 | 1253 | 1228 |
| 75° | 1178 | 1150 | 1129 |
| 80° | 1075 | 1060 | 1024 |
| 85° | 849  | 843  | 809  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2247 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 87.9   | 3.8       |
| 10°-20°   | 252.2  | 10.8      |
| 20°-30°   | 382.0  | 16.3      |
| 30°-40°   | 456.1  | 19.5      |
| 40°-50°   | 448.5  | 19.1      |
| 50°-60°   | 346.6  | 14.8      |
| 60°-70°   | 218.6  | 9.3       |
| 70°-80°   | 118.2  | 5.0       |
| 80°-90°   | 32.3   | 1.4       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 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°-30°    | 722.1  | 30.8      |
| 0°-40°    | 1178.1 | 50.3      |
| 0°-60°    | 1973.3 | 84.2      |
| 0°-90°    | 2342.4 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2342.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 926 | 926   | 926 | 926   | 926 |      |
| 5°  | 924 | 924   | 922 | 926   | 927 | 88   |
| 15° | 893 | 893   | 892 | 895   | 896 | 252  |
| 25° | 829 | 830   | 827 | 830   | 830 | 382  |
| 35° | 732 | 733   | 731 | 730   | 728 | 457  |
| 45° | 590 | 588   | 584 | 579   | 580 | 452  |
| 55° | 390 | 393   | 388 | 382   | 381 | 350  |
| 65° | 220 | 220   | 219 | 215   | 214 | 221  |
| 75° | 113 | 112   | 111 | 111   | 109 | 120  |
| 85° | 28  | 28    | 27  | 28    | 26  | 33   |
| 90° | 0   | 0     | 0   | 0     | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 926.2 | 926.2 | 926.2 | 926.2 | 926.2 |
| 2.5°  | 925.9 | 926.2 | 923.6 | 927.9 | 928.9 |
| 5°    | 923.6 | 923.9 | 921.5 | 925.5 | 926.6 |
| 7.5°  | 918.9 | 919.6 | 917.3 | 921.3 | 922.2 |
| 10°   | 912.2 | 913.0 | 910.7 | 914.6 | 915.6 |
| 12.5° | 904.0 | 904.3 | 902.3 | 906.0 | 906.9 |
| 15°   | 893.1 | 893.3 | 891.7 | 894.6 | 895.9 |
| 17.5° | 880.4 | 880.7 | 878.5 | 882.1 | 882.7 |
| 20°   | 865.2 | 865.4 | 864.1 | 867.1 | 867.5 |
| 22.5° | 848.2 | 848.9 | 846.9 | 849.5 | 849.9 |
| 25°   | 829.0 | 829.6 | 827.0 | 829.6 | 830.0 |
| 27.5° | 808.7 | 809.0 | 806.7 | 808.7 | 808.4 |
| 30°   | 785.1 | 787.1 | 784.1 | 783.4 | 783.2 |
| 32.5° | 760.6 | 760.9 | 758.0 | 757.2 | 758.6 |
| 35°   | 732.4 | 732.6 | 730.7 | 729.7 | 727.7 |
| 37.5° | 701.5 | 701.5 | 697.8 | 697.2 | 696.8 |
| 40°   | 667.6 | 667.3 | 665.0 | 662.7 | 660.3 |
| 42.5° | 630.7 | 631.4 | 626.7 | 622.7 | 622.1 |
| 45°   | 590.5 | 588.3 | 583.9 | 579.3 | 579.7 |
| 47.5° | 543.1 | 543.7 | 537.8 | 534.1 | 533.1 |
| 50°   | 493.9 | 493.9 | 488.4 | 484.4 | 482.3 |
| 52.5° | 442.5 | 442.9 | 437.6 | 432.3 | 431.2 |
| 55°   | 390.1 | 393.3 | 388.4 | 382.1 | 380.8 |
| 57.5° | 341.0 | 343.6 | 338.9 | 332.3 | 331.9 |
| 60°   | 295.5 | 295.8 | 294.4 | 288.2 | 286.5 |
| 62.5° | 256.7 | 255.0 | 254.3 | 251.0 | 249.0 |
| 65°   | 220.1 | 220.5 | 218.8 | 215.1 | 214.5 |
| 67.5° | 190.6 | 190.2 | 187.2 | 184.9 | 183.6 |
| 70°   | 161.6 | 160.7 | 159.3 | 157.4 | 156.1 |
| 72.5° | 135.8 | 135.8 | 134.7 | 134.1 | 131.8 |
| 75°   | 113.3 | 111.9 | 110.6 | 111.2 | 108.6 |
| 77.5° | 91.7  | 90.3  | 89.3  | 87.9  | 87.3  |
| 80°   | 69.4  | 68.0  | 68.4  | 66.3  | 66.1  |
| 82.5° | 48.1  | 48.1  | 47.5  | 45.8  | 46.2  |
| 85°   | 27.5  | 27.9  | 27.3  | 27.5  | 26.2  |
| 87.5° | 10.0  | 10.3  | 11.0  | 10.3  | 10.3  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |







— 0°-180°    - - 45°-225°    ..... 90°-270°





(END OF REPORT)