

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: IRiS

Report Number: P1265108

Luminaire Tested: P3A13R359730DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1265108  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R359730DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

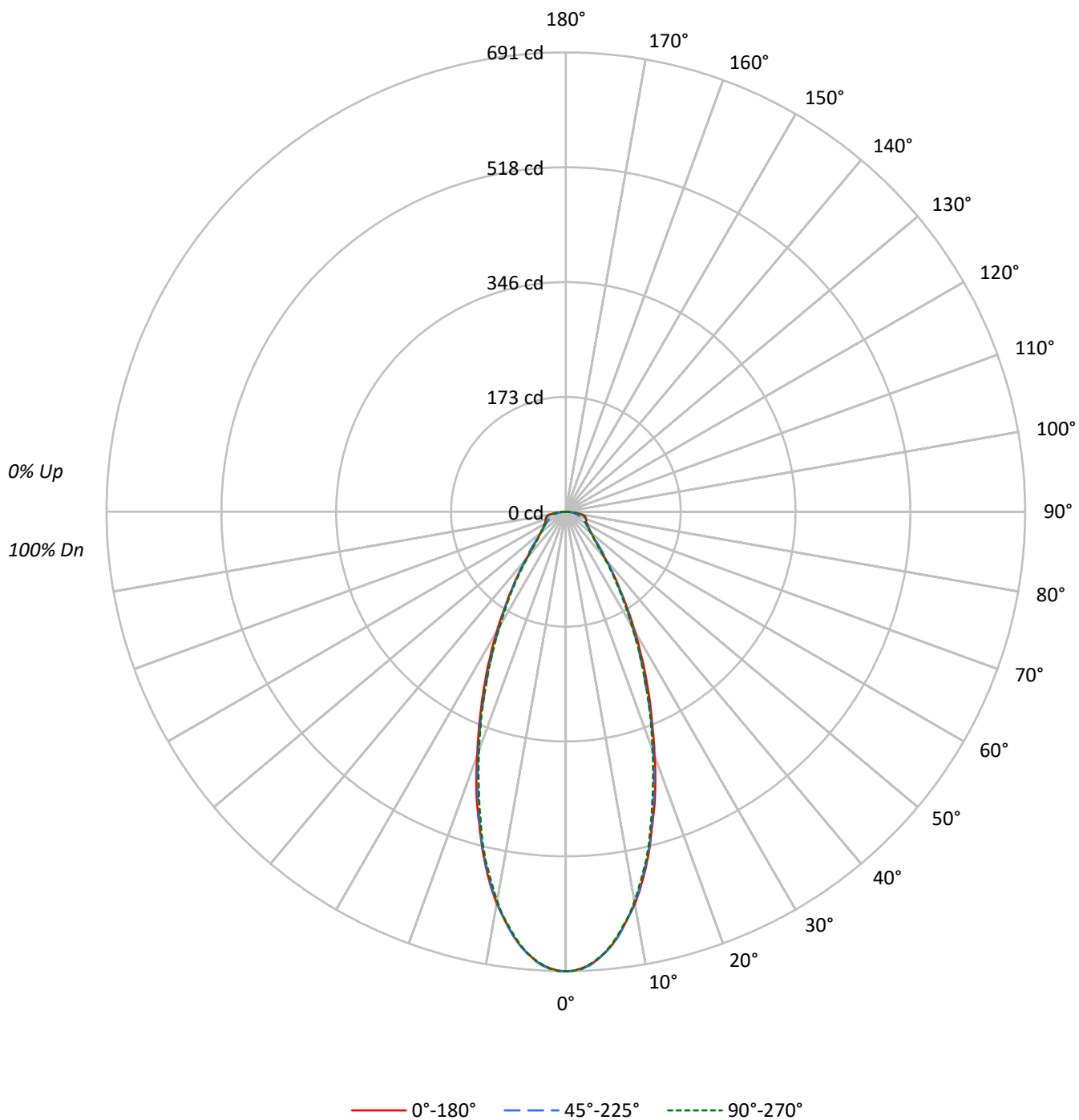
Lumens per Lamp: N/A  
Luminaire Lumens: 572.0 lumens  
Efficiency: N/A  
Efficacy: 39.2 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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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### 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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99  | 101 | 99  | 96  |  | 97  | 95  | 93  |  | 94  |
| 2   | 104 | 98  | 92  | 88  | 101 | 96  | 91  | 87  | 92  | 88  | 85  |  | 89  | 86  | 83  |  | 86  |
| 3   | 97  | 89  | 83  | 78  | 95  | 88  | 82  | 77  | 85  | 80  | 76  |  | 82  | 78  | 75  |  | 80  |
| 4   | 92  | 82  | 75  | 70  | 90  | 81  | 75  | 70  | 79  | 73  | 69  |  | 77  | 72  | 68  |  | 75  |
| 5   | 86  | 76  | 69  | 64  | 84  | 75  | 69  | 64  | 73  | 68  | 63  |  | 72  | 67  | 63  |  | 70  |
| 6   | 82  | 71  | 64  | 59  | 80  | 70  | 64  | 59  | 69  | 63  | 58  |  | 67  | 62  | 58  |  | 66  |
| 7   | 77  | 66  | 60  | 55  | 76  | 66  | 59  | 54  | 64  | 58  | 54  |  | 63  | 58  | 54  |  | 62  |
| 8   | 73  | 62  | 56  | 51  | 72  | 62  | 55  | 51  | 61  | 55  | 51  |  | 60  | 54  | 50  |  | 59  |
| 9   | 70  | 59  | 52  | 48  | 68  | 58  | 52  | 48  | 57  | 52  | 47  |  | 56  | 51  | 47  |  | 55  |
| 10  | 66  | 56  | 49  | 45  | 65  | 55  | 49  | 45  | 54  | 49  | 45  |  | 53  | 48  | 45  |  | 53  |

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

|     | 0°     | 45°    | 90°    |
|-----|--------|--------|--------|
| 0°  | 151589 | 151589 | 151589 |
| 5°  | 146621 | 146819 | 146621 |
| 10° | 133197 | 132997 | 132418 |
| 15° | 113054 | 112668 | 111692 |
| 20° | 91031  | 89818  | 89001  |
| 25° | 70359  | 68254  | 68254  |
| 30° | 52464  | 50717  | 50261  |
| 35° | 37771  | 37290  | 36353  |
| 40° | 26421  | 27165  | 25419  |
| 45° | 19723  | 20777  | 19165  |
| 50° | 16921  | 16921  | 16648  |
| 55° | 15980  | 15330  | 15636  |
| 60° | 16402  | 14911  | 15657  |
| 65° | 17641  | 14891  | 17174  |
| 70° | 20645  | 15644  | 20067  |
| 75° | 25841  | 16267  | 25078  |
| 80° | 32959  | 17553  | 29675  |
| 85° | 26166  | 17612  | 26166  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 32959 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 61.4   | 10.7      |
| 10°-20°   | 137.0  | 24.0      |
| 20°-30°   | 130.9  | 22.9      |
| 30°-40°   | 87.9   | 15.4      |
| 40°-50°   | 51.6   | 9.0       |
| 50°-60°   | 36.9   | 6.5       |
| 60°-70°   | 30.7   | 5.4       |
| 70°-80°   | 25.2   | 4.4       |
| 80°-90°   | 10.4   | 1.8       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 329.3  | 57.6      |
| 0°-40°    | 417.2  | 72.9      |
| 0°-60°    | 505.7  | 88.4      |
| 0°-90°    | 572.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 572.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 691 | 691   | 691 | 691   | 691 |      |
| 5°  | 666 | 668   | 667 | 666   | 666 | 61   |
| 15° | 498 | 499   | 496 | 493   | 492 | 138  |
| 25° | 291 | 287   | 282 | 282   | 282 | 133  |
| 35° | 141 | 141   | 139 | 137   | 136 | 89   |
| 45° | 64  | 65    | 67  | 64    | 62  | 51   |
| 55° | 42  | 41    | 40  | 40    | 41  | 38   |
| 65° | 34  | 30    | 29  | 30    | 33  | 34   |
| 75° | 30  | 24    | 19  | 24    | 30  | 32   |
| 85° | 10  | 11    | 7   | 11    | 10  | 12   |
| 90° | 0   | 0     | 0   | 0     | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 691.3 | 691.3 | 691.3 | 691.3 | 691.3 |
| 1°    | 690.5 | 691.3 | 691.3 | 690.5 | 690.5 |
| 2°    | 687.0 | 688.7 | 687.9 | 687.0 | 687.9 |
| 3°    | 682.6 | 684.4 | 683.5 | 682.6 | 681.8 |
| 4°    | 675.7 | 677.4 | 676.5 | 674.8 | 674.8 |
| 5°    | 666.1 | 667.8 | 667.0 | 666.1 | 666.1 |
| 6°    | 656.5 | 658.3 | 656.5 | 654.8 | 654.8 |
| 7°    | 643.5 | 646.1 | 644.3 | 642.6 | 641.7 |
| 8°    | 628.7 | 631.3 | 629.5 | 628.7 | 626.9 |
| 9°    | 613.9 | 615.6 | 613.0 | 613.0 | 613.0 |
| 10°   | 598.2 | 599.1 | 597.3 | 594.7 | 594.7 |
| 11°   | 580.8 | 579.9 | 579.0 | 577.3 | 575.5 |
| 12°   | 561.6 | 561.6 | 559.0 | 557.3 | 556.4 |
| 13°   | 541.6 | 540.7 | 539.0 | 537.2 | 537.2 |
| 14°   | 520.7 | 520.7 | 518.9 | 515.5 | 516.3 |
| 15°   | 498.0 | 498.9 | 496.3 | 492.8 | 492.0 |
| 17.5° | 446.7 | 444.9 | 440.6 | 438.0 | 435.4 |
| 20°   | 390.1 | 389.2 | 384.9 | 382.2 | 381.4 |
| 22.5° | 337.8 | 337.0 | 332.6 | 330.0 | 331.7 |
| 25°   | 290.8 | 287.3 | 282.1 | 282.1 | 282.1 |
| 27.5° | 247.3 | 242.9 | 239.4 | 237.7 | 239.4 |
| 30°   | 207.2 | 203.7 | 200.3 | 199.4 | 198.5 |
| 32.5° | 171.5 | 169.8 | 168.0 | 165.4 | 165.4 |
| 35°   | 141.1 | 141.1 | 139.3 | 136.7 | 135.8 |
| 37.5° | 114.9 | 115.8 | 114.9 | 112.3 | 111.5 |
| 40°   | 92.3  | 94.0  | 94.9  | 92.3  | 88.8  |
| 42.5° | 75.8  | 78.4  | 80.1  | 75.8  | 73.1  |
| 45°   | 63.6  | 65.3  | 67.0  | 63.6  | 61.8  |
| 47.5° | 55.7  | 56.6  | 57.5  | 54.9  | 54.0  |
| 50°   | 49.6  | 49.6  | 49.6  | 48.8  | 48.8  |
| 52.5° | 45.3  | 45.3  | 44.4  | 43.5  | 43.5  |
| 55°   | 41.8  | 40.9  | 40.1  | 40.1  | 40.9  |
| 57.5° | 39.2  | 38.3  | 36.6  | 37.4  | 38.3  |
| 60°   | 37.4  | 35.7  | 34.0  | 34.8  | 35.7  |
| 62.5° | 34.8  | 33.1  | 31.3  | 32.2  | 34.0  |
| 65°   | 34.0  | 30.5  | 28.7  | 30.5  | 33.1  |
| 67.5° | 33.1  | 28.7  | 26.1  | 28.7  | 32.2  |
| 70°   | 32.2  | 27.0  | 24.4  | 27.0  | 31.3  |
| 72.5° | 31.3  | 25.3  | 21.8  | 25.3  | 30.5  |
| 75°   | 30.5  | 23.5  | 19.2  | 23.5  | 29.6  |
| 77.5° | 28.7  | 21.8  | 16.5  | 21.8  | 27.0  |
| 80°   | 26.1  | 20.0  | 13.9  | 19.2  | 23.5  |
| 82.5° | 19.2  | 16.5  | 11.3  | 16.5  | 17.4  |
| 85°   | 10.4  | 11.3  | 7.0   | 11.3  | 10.4  |
| 87.5° | 0.9   | 1.7   | 1.7   | 5.2   | 3.5   |



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CANDELA DISTRIBUTION (continued):

|     | 0°  | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)