

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: P1261527

Luminaire Tested: P3AS02R359727DE010 E3PH1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1261527  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R359727DE010 E3PH1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

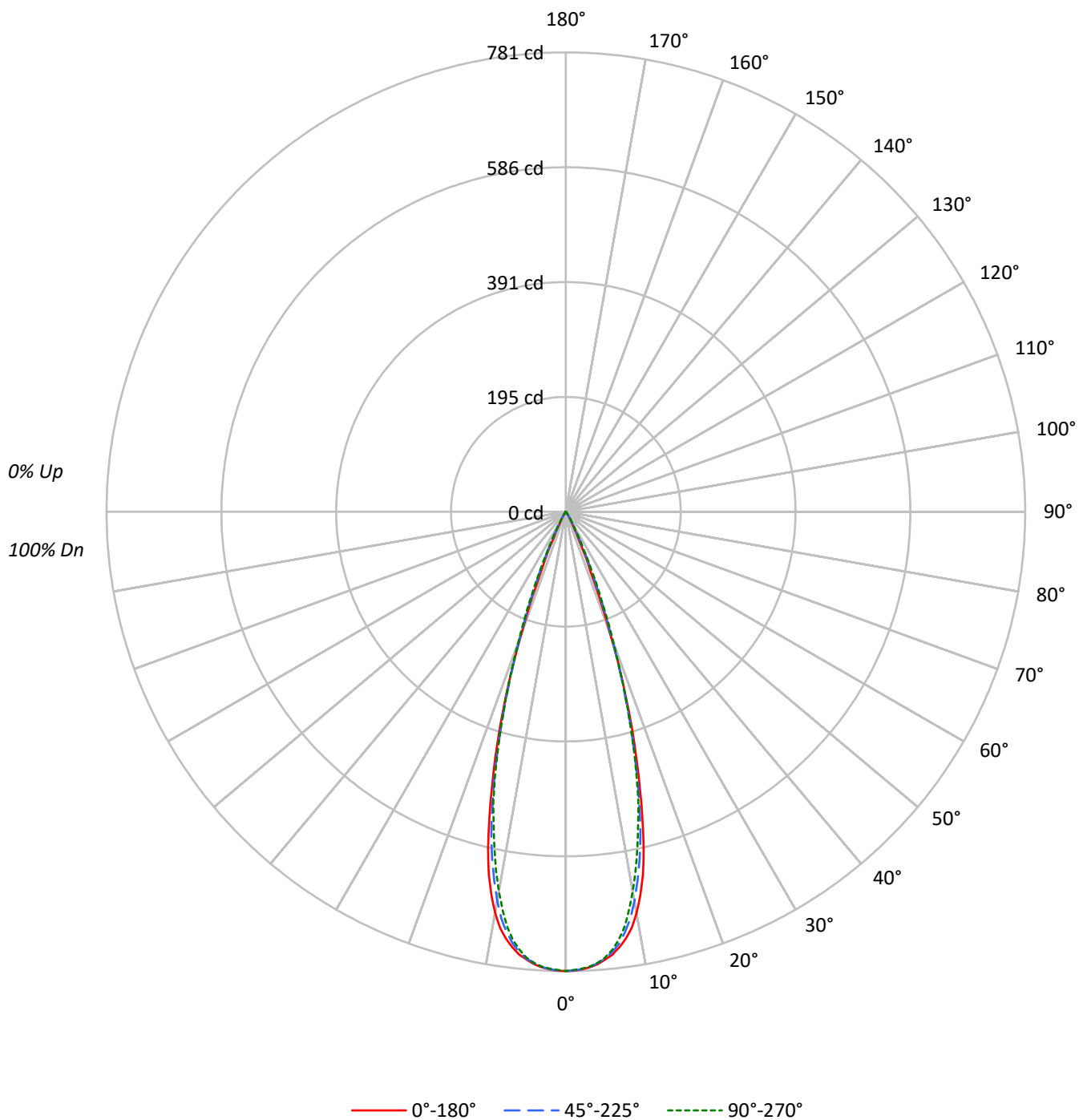
Lumens per Lamp: N/A  
Luminaire Lumens: 237.0 lumens  
Efficiency: N/A  
Efficacy: 65.8 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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  | 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 | 99 | 98 |
| 1   | 115 | 113 | 111 | 109 | 113 | 111 | 109 | 108 | 107 | 106 | 104 | 103 | 102 | 101 | 100 | 99  | 98  | 97  | 96 | 95 |
| 2   | 111 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 103 | 101 | 99  | 100 | 98  | 97  | 97  | 96  | 95  | 93  | 92 | 91 |
| 3   | 108 | 103 | 100 | 97  | 106 | 102 | 99  | 96  | 99  | 97  | 94  | 97  | 95  | 93  | 95  | 93  | 92  | 90  | 89 | 87 |
| 4   | 104 | 99  | 95  | 92  | 103 | 98  | 94  | 92  | 96  | 93  | 91  | 94  | 92  | 90  | 93  | 90  | 89  | 87  | 86 | 85 |
| 5   | 101 | 95  | 91  | 88  | 100 | 95  | 91  | 88  | 93  | 90  | 87  | 92  | 89  | 87  | 90  | 88  | 86  | 85  | 84 | 82 |
| 6   | 98  | 92  | 88  | 85  | 97  | 91  | 88  | 85  | 90  | 87  | 84  | 89  | 86  | 84  | 88  | 85  | 83  | 82  | 81 | 80 |
| 7   | 96  | 89  | 85  | 82  | 94  | 89  | 85  | 82  | 87  | 84  | 81  | 86  | 83  | 81  | 85  | 83  | 81  | 80  | 78 | 77 |
| 8   | 93  | 86  | 82  | 79  | 92  | 86  | 82  | 79  | 85  | 81  | 79  | 84  | 81  | 79  | 83  | 80  | 78  | 76  | 75 | 74 |
| 9   | 90  | 84  | 80  | 77  | 89  | 83  | 79  | 77  | 82  | 79  | 76  | 82  | 79  | 76  | 81  | 78  | 76  | 75  | 74 | 73 |
| 10  | 88  | 81  | 77  | 75  | 87  | 81  | 77  | 74  | 80  | 77  | 74  | 80  | 76  | 74  | 79  | 76  | 74  | 73  | 72 | 71 |

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

|     | 0°     | 45°    | 90°    |
|-----|--------|--------|--------|
| 0°  | 171214 | 171214 | 171214 |
| 5°  | 168280 | 167928 | 167554 |
| 10° | 154217 | 149585 | 145956 |
| 15° | 110443 | 106902 | 105608 |
| 20° | 51198  | 52971  | 54838  |
| 25° | 12146  | 17275  | 18025  |
| 30° | 3570   | 4077   | 4608   |
| 35° | 830    | 1312   | 1205   |
| 40° | 172    | 344    | 229    |
| 45° | 62     | 62     | 62     |
| 50° | 68     | 0      | 68     |
| 55° | 0      | 0      | 0      |
| 60° | 0      | 0      | 0      |
| 65° | 0      | 0      | 0      |
| 70° | 0      | 0      | 0      |
| 75° | 0      | 0      | 0      |
| 80° | 0      | 0      | 0      |
| 85° | 0      | 0      | 0      |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 52.5°  
Luminance: 72 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 70.1   | 29.6      |
| 10°-20°   | 125.3  | 52.9      |
| 20°-30°   | 37.7   | 15.9      |
| 30°-40°   | 3.6    | 1.5       |
| 40°-50°   | 0.2    | 0.1       |
| 50°-60°   | 0.0    | 0.0       |
| 60°-70°   | 0.0    | 0.0       |
| 70°-80°   | 0.0    | 0.0       |
| 80°-90°   | 0.0    | 0.0       |
| 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°    | 233.1  | 98.4      |
| 0°-40°    | 236.7  | 99.9      |
| 0°-60°    | 237.0  | 100.0     |
| 0°-90°    | 237.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 237.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0°  | 781 | 781   | 781 | 781   | 781 |      |
| 5°  | 764 | 764   | 763 | 762   | 761 | 71   |
| 15° | 486 | 483   | 471 | 469   | 465 | 128  |
| 25° | 50  | 55    | 71  | 74    | 74  | 32   |
| 35° | 3   | 4     | 5   | 5     | 4   | 3    |
| 45° | 0   | 0     | 0   | 0     | 0   | 0    |
| 55° | 0   | 0     | 0   | 0     | 0   | 0    |
| 65° | 0   | 0     | 0   | 0     | 0   | 0    |
| 75° | 0   | 0     | 0   | 0     | 0   | 0    |
| 85° | 0   | 0     | 0   | 0     | 0   | 0    |
| 90° | 0   | 0     | 0   | 0     | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   |
|-------|-------|-------|-------|-------|-------|
| 0°    | 780.8 | 780.8 | 780.8 | 780.8 | 780.8 |
| 1°    | 780.4 | 780.4 | 780.0 | 780.0 | 779.2 |
| 2°    | 778.6 | 778.8 | 778.0 | 777.8 | 777.2 |
| 3°    | 775.7 | 775.1 | 775.1 | 774.7 | 774.3 |
| 4°    | 771.2 | 770.0 | 769.6 | 769.8 | 769.0 |
| 5°    | 764.5 | 764.3 | 762.9 | 761.8 | 761.2 |
| 6°    | 757.2 | 755.7 | 752.7 | 750.0 | 749.4 |
| 7°    | 746.1 | 743.1 | 740.4 | 734.9 | 734.1 |
| 8°    | 732.7 | 727.8 | 722.0 | 714.3 | 713.9 |
| 9°    | 716.1 | 708.2 | 700.2 | 689.8 | 686.1 |
| 10°   | 692.6 | 685.3 | 671.8 | 662.6 | 655.5 |
| 11°   | 663.5 | 654.3 | 638.5 | 627.5 | 621.6 |
| 12°   | 630.4 | 621.8 | 603.4 | 593.4 | 585.1 |
| 13°   | 587.9 | 580.8 | 563.6 | 552.6 | 546.1 |
| 14°   | 538.7 | 533.4 | 517.1 | 512.2 | 509.9 |
| 15°   | 486.5 | 482.8 | 470.9 | 468.9 | 465.2 |
| 17.5° | 358.1 | 351.9 | 345.2 | 346.4 | 347.6 |
| 20°   | 219.4 | 228.0 | 227.0 | 231.5 | 235.0 |
| 22.5° | 109.4 | 120.4 | 133.3 | 141.1 | 144.9 |
| 25°   | 50.2  | 55.3  | 71.4  | 74.5  | 74.5  |
| 27.5° | 25.3  | 26.5  | 33.7  | 34.3  | 35.9  |
| 30°   | 14.1  | 15.1  | 16.1  | 18.0  | 18.2  |
| 32.5° | 7.1   | 8.4   | 8.8   | 9.8   | 9.4   |
| 35°   | 3.1   | 4.1   | 4.9   | 5.3   | 4.5   |
| 37.5° | 1.4   | 1.8   | 2.7   | 2.4   | 1.8   |
| 40°   | 0.6   | 0.8   | 1.2   | 1.0   | 0.8   |
| 42.5° | 0.4   | 0.4   | 0.6   | 0.4   | 0.4   |
| 45°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 47.5° | 0.2   | 0.2   | 0.0   | 0.2   | 0.2   |
| 50°   | 0.2   | 0.0   | 0.0   | 0.0   | 0.2   |
| 52.5° | 0.2   | 0.0   | 0.0   | 0.0   | 0.2   |
| 55°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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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)