

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: P1246269

Luminaire Tested: P3AS05R609024DE010 E3D1MW

Issue Date: 1/30/2026

**Test Information**

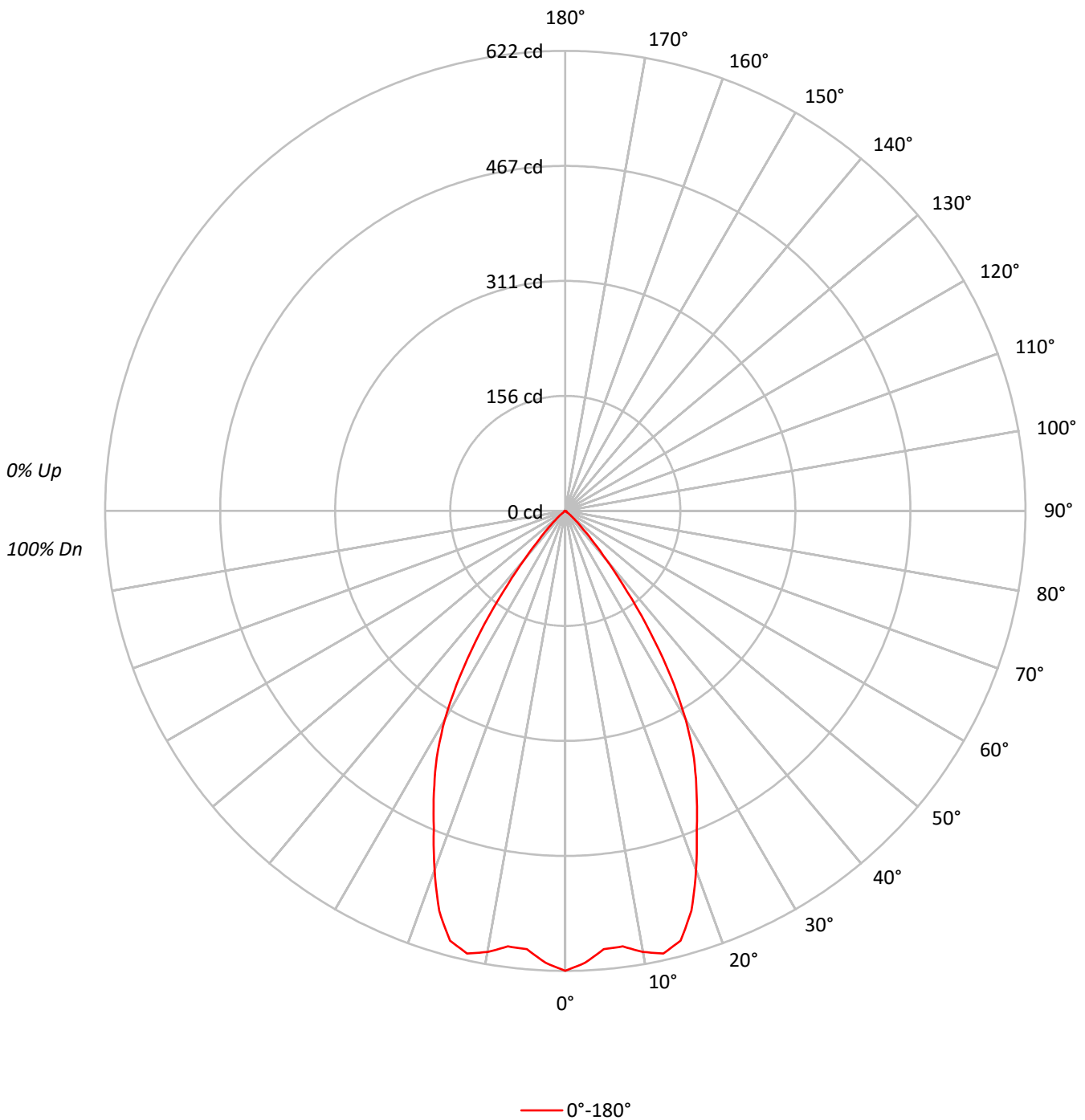
Test Method: LM-79-2019  
Report Number: P1246269  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R609024DE010 E3D1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 571.0 lumens  
Efficiency: N/A  
Efficacy: 79.3 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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 |  |  |  |  |  |  |  |  | 20 |
| RC  | 80 |     |     |     |     |     |     |     |     | 70  |     |     |     |     |     |     |     |     | 50  |     |    |    |    |    |    |    |    | 30 |    |    |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  | 0  |
| RW  | 70 | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
| RCR | 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 94 | 94 | 94 | 94 | 94 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 1  | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 | 101 | 100 | 98  | 97  | 96  | 95  | 94  | 94  | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 2  | 108 | 103 | 99  | 96  | 106 | 102 | 98  | 95  | 98  | 95  | 93  | 95  | 93  | 91  | 93  | 91  | 89  | 87  | 87  | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 3  | 103 | 96  | 91  | 88  | 101 | 95  | 90  | 87  | 92  | 89  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 81  | 81  | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 4  | 98  | 90  | 85  | 81  | 96  | 89  | 84  | 80  | 87  | 83  | 79  | 85  | 81  | 78  | 83  | 80  | 77  | 76  | 76  | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 5  | 93  | 84  | 79  | 74  | 91  | 84  | 78  | 74  | 82  | 77  | 73  | 80  | 76  | 73  | 79  | 75  | 72  | 71  | 71  | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 6  | 88  | 79  | 73  | 69  | 87  | 79  | 73  | 69  | 77  | 72  | 68  | 76  | 71  | 68  | 74  | 70  | 68  | 66  | 66  | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 7  | 84  | 75  | 69  | 64  | 82  | 74  | 68  | 64  | 73  | 68  | 64  | 71  | 67  | 64  | 70  | 66  | 63  | 62  | 62  | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 8  | 80  | 70  | 64  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  | 68  | 63  | 60  | 67  | 63  | 59  | 58  | 58  | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 9  | 76  | 66  | 61  | 57  | 75  | 66  | 60  | 56  | 65  | 60  | 56  | 64  | 59  | 56  | 63  | 59  | 56  | 55  | 55  | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |
|     | 10 | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 62  | 56  | 53  | 61  | 56  | 53  | 60  | 56  | 53  | 51  | 51  | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 136349 |
| 5°  | 130948 |
| 10° | 134823 |
| 15° | 136550 |
| 20° | 120574 |
| 25° | 101619 |
| 30° | 82418  |
| 35° | 53672  |
| 40° | 24646  |
| 45° | 9458   |
| 50° | 3173   |
| 55° | 841    |
| 60° | 789    |
| 65° | 675    |
| 70° | 577    |
| 75° | 763    |
| 80° | 505    |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9458 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.3   | 10.0      |
| 10°-20°   | 164.7  | 28.8      |
| 20°-30°   | 192.1  | 33.6      |
| 30°-40°   | 124.0  | 21.7      |
| 40°-50°   | 27.8   | 4.9       |
| 50°-60°   | 2.8    | 0.5       |
| 60°-70°   | 1.3    | 0.2       |
| 70°-80°   | 0.8    | 0.1       |
| 80°-90°   | 0.3    | 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°    | 414.1  | 72.5      |
| 0°-40°    | 538.1  | 94.2      |
| 0°-60°    | 568.7  | 99.6      |
| 0°-90°    | 571.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 571.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 622 |      |
| 5°  | 595 | 57   |
| 15° | 602 | 165  |
| 25° | 420 | 192  |
| 35° | 200 | 124  |
| 45° | 30  | 28   |
| 55° | 2   | 3    |
| 65° | 1   | 1    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 621.8 |
| 2.5°  | 611.7 |
| 5°    | 594.9 |
| 7.5°  | 594.0 |
| 10°   | 605.5 |
| 12.5° | 613.0 |
| 15°   | 601.5 |
| 17.5° | 567.1 |
| 20°   | 516.7 |
| 22.5° | 464.2 |
| 25°   | 420.0 |
| 27.5° | 376.7 |
| 30°   | 325.5 |
| 32.5° | 265.4 |
| 35°   | 200.5 |
| 37.5° | 136.9 |
| 40°   | 86.1  |
| 42.5° | 51.7  |
| 45°   | 30.5  |
| 47.5° | 17.7  |
| 50°   | 9.3   |
| 52.5° | 3.1   |
| 55°   | 2.2   |
| 57.5° | 1.8   |
| 60°   | 1.8   |
| 62.5° | 1.3   |
| 65°   | 1.3   |
| 67.5° | 1.3   |
| 70°   | 0.9   |
| 72.5° | 0.9   |
| 75°   | 0.9   |
| 77.5° | 0.4   |
| 80°   | 0.4   |
| 82.5° | 0.4   |
| 85°   | 0.4   |
| 87.5° | 0.0   |
| 90°   | 0.0   |

(END OF REPORT)