

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: P1261623

Luminaire Tested: P3AS02R559727DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1261623  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559727DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

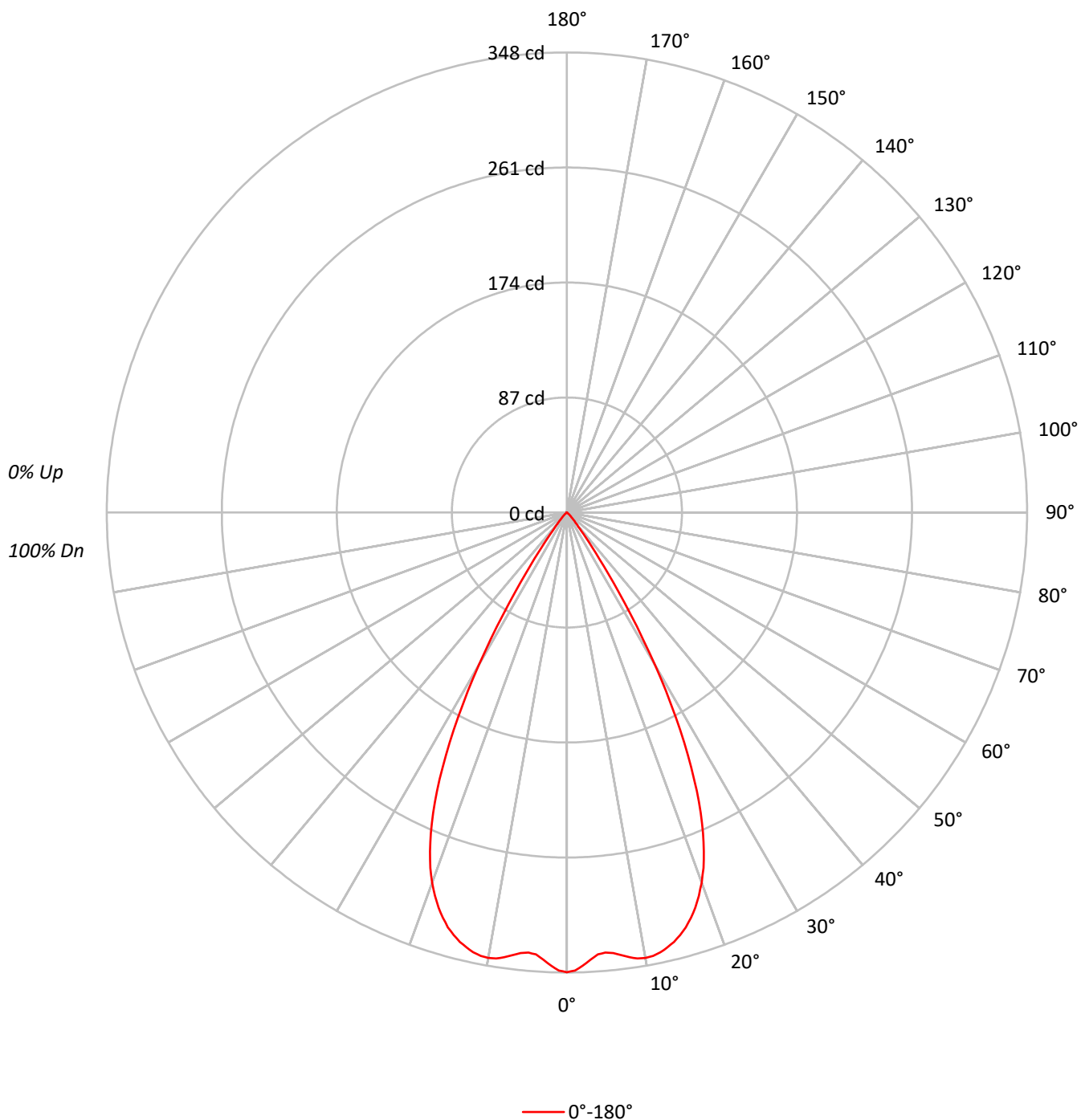
Lumens per Lamp: N/A  
Luminaire Lumens: 263.0 lumens  
Efficiency: N/A  
Efficacy: 73.1 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 |
| 1   | 114 | 111 | 109 | 107 | 112 | 109 | 107 | 105 | 105 | 104 | 102 |  | 102 | 100 | 99  |  | 98  |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 94  |
| 3   | 104 | 98  | 94  | 90  | 102 | 97  | 93  | 90  | 95  | 91  | 88  |  | 92  | 89  | 87  |  | 90  |
| 4   | 100 | 93  | 88  | 84  | 98  | 92  | 87  | 84  | 90  | 86  | 83  |  | 88  | 84  | 82  |  | 86  |
| 5   | 95  | 88  | 82  | 79  | 94  | 87  | 82  | 78  | 85  | 81  | 78  |  | 84  | 80  | 77  |  | 82  |
| 6   | 91  | 83  | 78  | 74  | 90  | 82  | 77  | 74  | 81  | 76  | 73  |  | 80  | 76  | 73  |  | 78  |
| 7   | 87  | 79  | 73  | 70  | 86  | 78  | 73  | 69  | 77  | 72  | 69  |  | 76  | 72  | 69  |  | 75  |
| 8   | 83  | 75  | 69  | 66  | 82  | 74  | 69  | 65  | 73  | 69  | 65  |  | 72  | 68  | 65  |  | 71  |
| 9   | 80  | 71  | 66  | 62  | 79  | 71  | 66  | 62  | 70  | 65  | 62  |  | 69  | 65  | 62  |  | 68  |
| 10  | 77  | 68  | 62  | 59  | 76  | 67  | 62  | 59  | 67  | 62  | 59  |  | 66  | 62  | 59  |  | 65  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 76266 |
| 5°  | 73564 |
| 10° | 76195 |
| 15° | 75120 |
| 20° | 69516 |
| 25° | 56229 |
| 30° | 33701 |
| 35° | 11430 |
| 40° | 3149  |
| 45° | 1395  |
| 50° | 409   |
| 55° | 76    |
| 60° | 44    |
| 65° | 52    |
| 70° | 64    |
| 75° | 0     |
| 80° | 0     |
| 85° | 0     |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1395 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.3   | 12.3      |
| 10°-20°   | 92.1   | 35.0      |
| 20°-30°   | 102.4  | 38.9      |
| 30°-40°   | 31.9   | 12.1      |
| 40°-50°   | 3.8    | 1.5       |
| 50°-60°   | 0.3    | 0.1       |
| 60°-70°   | 0.1    | 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°    | 226.9  | 86.3      |
| 0°-40°    | 258.8  | 98.4      |
| 0°-60°    | 262.9  | 100.0     |
| 0°-90°    | 263.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 263.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 348 |      |
| 5°  | 334 | 32   |
| 15° | 331 | 92   |
| 25° | 232 | 102  |
| 35° | 43  | 32   |
| 45° | 4   | 4    |
| 55° | 0   | 0    |
| 65° | 0   | 0    |
| 75° | 0   | 0    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 347.8 |
| 1°    | 346.5 |
| 2°    | 343.1 |
| 3°    | 338.9 |
| 4°    | 335.1 |
| 5°    | 334.2 |
| 6°    | 335.2 |
| 7°    | 337.3 |
| 8°    | 339.7 |
| 9°    | 341.6 |
| 10°   | 342.2 |
| 11°   | 341.8 |
| 12°   | 340.2 |
| 13°   | 337.7 |
| 14°   | 334.8 |
| 15°   | 330.9 |
| 16°   | 326.4 |
| 17°   | 320.7 |
| 18°   | 314.3 |
| 19°   | 306.6 |
| 20°   | 297.9 |
| 21°   | 288.1 |
| 22°   | 276.4 |
| 23°   | 263.5 |
| 24°   | 248.7 |
| 25°   | 232.4 |
| 26°   | 214.5 |
| 27°   | 195.5 |
| 28°   | 175.3 |
| 29°   | 154.4 |
| 30°   | 133.1 |
| 31°   | 111.7 |
| 32°   | 90.8  |
| 32.5° | 81.5  |
| 33°   | 71.9  |
| 34°   | 55.7  |
| 35°   | 42.7  |
| 36°   | 32.5  |
| 37°   | 24.1  |
| 37.5° | 20.6  |
| 38°   | 17.9  |
| 39°   | 13.6  |
| 40°   | 11.0  |
| 42.5° | 7.0   |
| 45°   | 4.5   |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  |
|-------|-----|
| 47.5° | 2.7 |
| 50°   | 1.2 |
| 52.5° | 0.4 |
| 55°   | 0.2 |
| 57.5° | 0.1 |
| 60°   | 0.1 |
| 62.5° | 0.1 |
| 65°   | 0.1 |
| 67.5° | 0.1 |
| 70°   | 0.1 |
| 72.5° | 0.0 |
| 75°   | 0.0 |
| 77.5° | 0.0 |
| 80°   | 0.0 |
| 82.5° | 0.0 |
| 85°   | 0.0 |
| 87.5° | 0.0 |
| 90°   | 0.0 |

(END OF REPORT)