

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: P1266380

Luminaire Tested: P3A02R559735DE010 E3D1WH

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1266380  
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: P3A02R559735DE010 E3D1WH  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

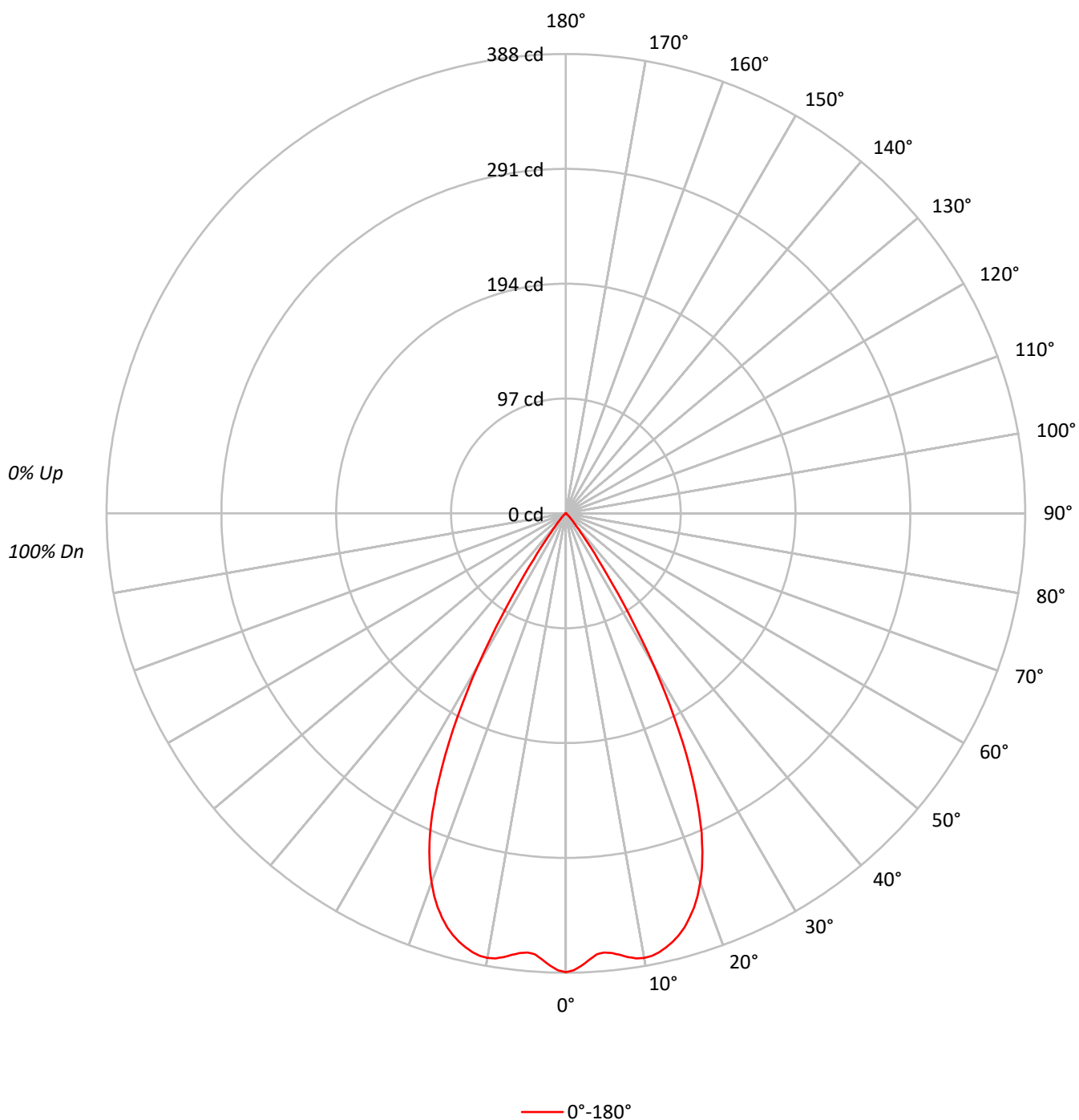
Lumens per Lamp: N/A  
Luminaire Lumens: 292.9 lumens  
Efficiency: N/A  
Efficacy: 81.4 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  | 83  | 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  | 66  | 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°  | 84971 |
| 5°  | 81950 |
| 10° | 84879 |
| 15° | 83701 |
| 20° | 77450 |
| 25° | 62641 |
| 30° | 37550 |
| 35° | 12715 |
| 40° | 3492  |
| 45° | 1551  |
| 50° | 443   |
| 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: 1551 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 36.0   | 12.3      |
| 10°-20°   | 102.6  | 35.0      |
| 20°-30°   | 114.1  | 38.9      |
| 30°-40°   | 35.5   | 12.1      |
| 40°-50°   | 4.3    | 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°    | 252.8  | 86.3      |
| 0°-40°    | 288.3  | 98.4      |
| 0°-60°    | 292.8  | 100.0     |
| 0°-90°    | 292.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 292.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 388 |      |
| 5°  | 372 | 36   |
| 15° | 369 | 103  |
| 25° | 259 | 114  |
| 35° | 48  | 36   |
| 45° | 5   | 4    |
| 55° | 0   | 0    |
| 65° | 0   | 0    |
| 75° | 0   | 0    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 387.5 |
| 1°    | 386.0 |
| 2°    | 382.2 |
| 3°    | 377.6 |
| 4°    | 373.3 |
| 5°    | 372.3 |
| 6°    | 373.5 |
| 7°    | 375.8 |
| 8°    | 378.5 |
| 9°    | 380.6 |
| 10°   | 381.2 |
| 11°   | 380.8 |
| 12°   | 379.0 |
| 13°   | 376.2 |
| 14°   | 373.0 |
| 15°   | 368.7 |
| 16°   | 363.7 |
| 17°   | 357.3 |
| 18°   | 350.2 |
| 19°   | 341.6 |
| 20°   | 331.9 |
| 21°   | 320.9 |
| 22°   | 307.9 |
| 23°   | 293.5 |
| 24°   | 277.1 |
| 25°   | 258.9 |
| 26°   | 239.0 |
| 27°   | 217.8 |
| 28°   | 195.2 |
| 29°   | 172.0 |
| 30°   | 148.3 |
| 31°   | 124.4 |
| 32°   | 101.2 |
| 32.5° | 90.8  |
| 33°   | 80.1  |
| 34°   | 62.0  |
| 35°   | 47.5  |
| 36°   | 36.2  |
| 37°   | 26.8  |
| 37.5° | 22.9  |
| 38°   | 19.9  |
| 39°   | 15.1  |
| 40°   | 12.2  |
| 42.5° | 7.8   |
| 45°   | 5.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  |
|-------|-----|
| 47.5° | 3.0 |
| 50°   | 1.3 |
| 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)