

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: P1291817

Luminaire Tested: P3A09R15W2N902765DE010 E3DLP1H\_3000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1291817  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R15W2N902765DE010 E3DLP1H\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

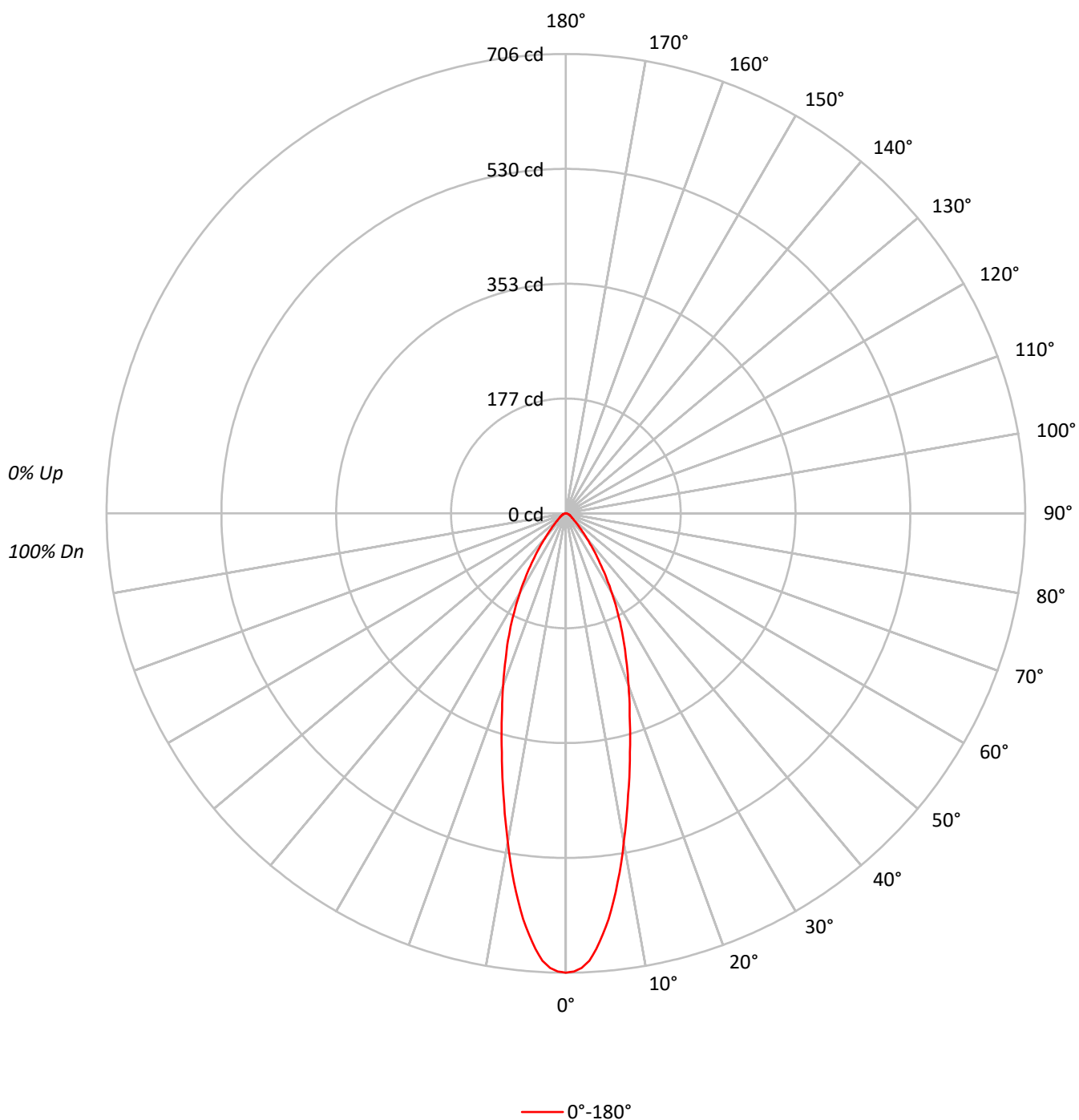
Lumens per Lamp: N/A  
Luminaire Lumens: 359.0 lumens  
Efficiency: N/A  
Efficacy: 39.9 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 9  
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  |
| RCR |     |     |     |     |  |     |     |     |     |  |     |     |     |  |     |     |     |  |     |     |     |
| 0   | 119 | 119 | 119 | 119 |  | 116 | 116 | 116 | 116 |  | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |
| 1   | 113 | 110 | 108 | 106 |  | 111 | 108 | 106 | 104 |  | 104 | 102 | 101 |  | 100 | 99  | 98  |  | 97  | 96  | 95  |
| 2   | 108 | 103 | 98  | 95  |  | 105 | 101 | 97  | 94  |  | 98  | 95  | 92  |  | 95  | 92  | 90  |  | 92  | 90  | 88  |
| 3   | 102 | 96  | 91  | 87  |  | 100 | 94  | 90  | 86  |  | 92  | 88  | 85  |  | 89  | 86  | 83  |  | 87  | 84  | 82  |
| 4   | 97  | 90  | 84  | 80  |  | 95  | 88  | 83  | 79  |  | 86  | 82  | 78  |  | 84  | 81  | 78  |  | 82  | 79  | 77  |
| 5   | 93  | 84  | 78  | 74  |  | 91  | 83  | 78  | 74  |  | 81  | 77  | 73  |  | 80  | 76  | 72  |  | 78  | 75  | 72  |
| 6   | 88  | 79  | 73  | 69  |  | 87  | 79  | 73  | 69  |  | 77  | 72  | 69  |  | 76  | 71  | 68  |  | 74  | 71  | 68  |
| 7   | 84  | 75  | 69  | 65  |  | 83  | 74  | 69  | 65  |  | 73  | 68  | 64  |  | 72  | 67  | 64  |  | 71  | 67  | 64  |
| 8   | 80  | 71  | 65  | 61  |  | 79  | 71  | 65  | 61  |  | 69  | 64  | 61  |  | 68  | 64  | 61  |  | 67  | 63  | 60  |
| 9   | 77  | 68  | 62  | 58  |  | 76  | 67  | 62  | 58  |  | 66  | 61  | 58  |  | 65  | 61  | 57  |  | 64  | 60  | 57  |
| 10  | 74  | 64  | 59  | 55  |  | 73  | 64  | 59  | 55  |  | 63  | 58  | 55  |  | 62  | 58  | 55  |  | 62  | 57  | 54  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 154812 |
| 5°  | 143077 |
| 10° | 114226 |
| 15° | 86289  |
| 20° | 65712  |
| 25° | 50084  |
| 30° | 35879  |
| 35° | 23396  |
| 40° | 14341  |
| 45° | 8683   |
| 50° | 5765   |
| 55° | 4473   |
| 60° | 3815   |
| 65° | 3321   |
| 70° | 3013   |
| 75° | 2965   |
| 80° | 2147   |
| 85° | 1510   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 8683 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.6   | 16.0      |
| 10°-20°   | 106.2  | 29.6      |
| 20°-30°   | 94.6   | 26.3      |
| 30°-40°   | 55.9   | 15.6      |
| 40°-50°   | 23.0   | 6.4       |
| 50°-60°   | 10.8   | 3.0       |
| 60°-70°   | 6.6    | 1.8       |
| 70°-80°   | 3.5    | 1.0       |
| 80°-90°   | 0.9    | 0.2       |
| 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°    | 258.4  | 72.0      |
| 0°-40°    | 314.4  | 87.6      |
| 0°-60°    | 348.1  | 97.0      |
| 0°-90°    | 359.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 359.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 706 |      |
| 5°  | 650 | 58   |
| 15° | 380 | 106  |
| 25° | 207 | 95   |
| 35° | 87  | 56   |
| 45° | 28  | 23   |
| 55° | 12  | 11   |
| 65° | 6   | 7    |
| 75° | 4   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 706.0 |
| 1°    | 704.2 |
| 2°    | 699.0 |
| 3°    | 688.5 |
| 4°    | 671.0 |
| 5°    | 650.0 |
| 6°    | 627.3 |
| 7°    | 600.5 |
| 8°    | 572.5 |
| 9°    | 543.9 |
| 10°   | 513.0 |
| 12.5° | 442.5 |
| 15°   | 380.1 |
| 17.5° | 326.5 |
| 20°   | 281.6 |
| 22.5° | 241.9 |
| 25°   | 207.0 |
| 27.5° | 173.1 |
| 30°   | 141.7 |
| 32.5° | 113.1 |
| 35°   | 87.4  |
| 37.5° | 67.0  |
| 40°   | 50.1  |
| 42.5° | 37.3  |
| 45°   | 28.0  |
| 47.5° | 21.6  |
| 50°   | 16.9  |
| 52.5° | 14.0  |
| 55°   | 11.7  |
| 57.5° | 9.9   |
| 60°   | 8.7   |
| 62.5° | 7.6   |
| 65°   | 6.4   |
| 67.5° | 5.8   |
| 70°   | 4.7   |
| 72.5° | 4.1   |
| 75°   | 3.5   |
| 77.5° | 2.3   |
| 80°   | 1.7   |
| 82.5° | 1.2   |
| 85°   | 0.6   |
| 87.5° | 0.6   |
| 90°   | 0.0   |

(END OF REPORT)