

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: P1290721

Luminaire Tested: P3A05R60W2N902750DE010 E3DLP1H\_3500K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1290721  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R60W2N902750DE010 E3DLP1H\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

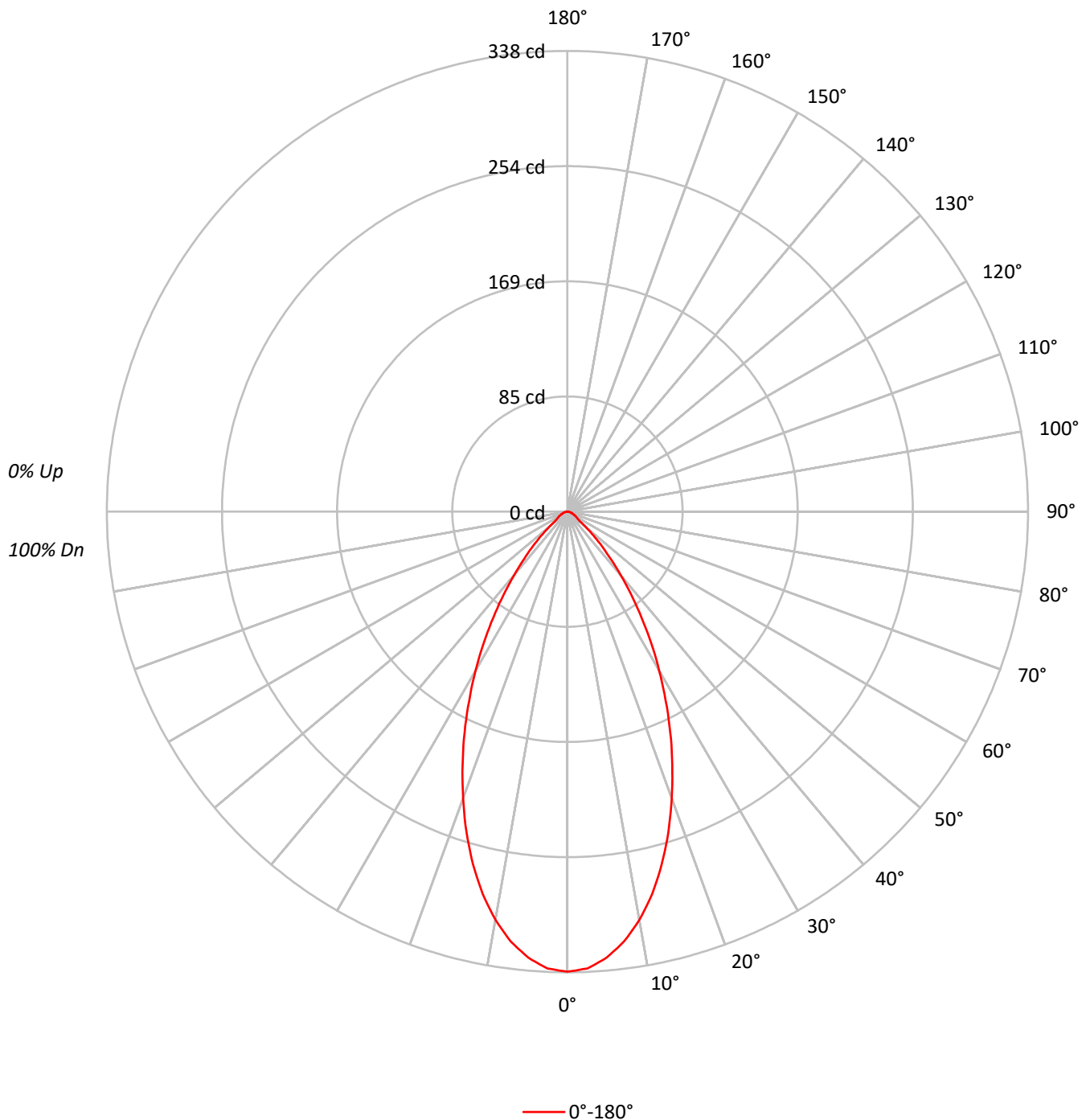
Lumens per Lamp: N/A  
Luminaire Lumens: 291.9 lumens  
Efficiency: N/A  
Efficacy: 49.5 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 113 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98  | 97  | 96  | 95  | 94  | 92  |    |    |
| 2   | 107 | 101 | 97  | 93  | 104 | 100 | 96  | 92  | 96  | 93  | 90  | 93  | 91  | 88  | 91  | 88  | 86  | 85  |    |    |
| 3   | 101 | 94  | 88  | 84  | 99  | 92  | 87  | 83  | 90  | 86  | 82  | 87  | 84  | 81  | 85  | 82  | 80  | 78  |    |    |
| 4   | 95  | 87  | 81  | 77  | 93  | 86  | 80  | 76  | 84  | 79  | 75  | 82  | 78  | 74  | 80  | 76  | 73  | 72  |    |    |
| 5   | 90  | 81  | 75  | 70  | 88  | 80  | 74  | 70  | 78  | 73  | 69  | 77  | 72  | 69  | 75  | 71  | 68  | 66  |    |    |
| 6   | 85  | 76  | 69  | 65  | 84  | 75  | 69  | 65  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 63  | 62  |    |    |
| 7   | 81  | 71  | 65  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  | 68  | 63  | 59  | 67  | 62  | 59  | 58  |    |    |
| 8   | 77  | 67  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 60  | 56  | 64  | 59  | 55  | 63  | 58  | 55  | 54  |    |    |
| 9   | 73  | 63  | 57  | 52  | 72  | 62  | 56  | 52  | 61  | 56  | 52  | 60  | 55  | 52  | 60  | 55  | 52  | 50  |    |    |
| 10  | 69  | 59  | 53  | 49  | 68  | 59  | 53  | 49  | 58  | 53  | 49  | 57  | 52  | 49  | 56  | 52  | 49  | 47  |    |    |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 74007 |
| 5°  | 72331 |
| 10° | 67734 |
| 15° | 60772 |
| 20° | 52248 |
| 25° | 43212 |
| 30° | 34132 |
| 35° | 25350 |
| 40° | 17461 |
| 45° | 10947 |
| 50° | 6038  |
| 55° | 3517  |
| 60° | 3158  |
| 65° | 2698  |
| 70° | 2308  |
| 75° | 2372  |
| 80° | 2020  |
| 85° | 2013  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 10947 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 30.6   | 10.5      |
| 10°-20°   | 74.3   | 25.5      |
| 20°-30°   | 81.5   | 27.9      |
| 30°-40°   | 59.4   | 20.3      |
| 40°-50°   | 28.1   | 9.6       |
| 50°-60°   | 9.2    | 3.1       |
| 60°-70°   | 5.2    | 1.8       |
| 70°-80°   | 2.8    | 1.0       |
| 80°-90°   | 0.9    | 0.3       |
| 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°    | 186.5  | 63.9      |
| 0°-40°    | 245.9  | 84.2      |
| 0°-60°    | 283.1  | 97.0      |
| 0°-90°    | 291.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 291.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 338 |      |
| 5°  | 329 | 31   |
| 15° | 268 | 74   |
| 25° | 179 | 82   |
| 35° | 95  | 59   |
| 45° | 35  | 28   |
| 55° | 9   | 9    |
| 65° | 5   | 5    |
| 75° | 3   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 337.5 |
| 2.5°  | 335.5 |
| 5°    | 328.6 |
| 7.5°  | 318.2 |
| 10°   | 304.2 |
| 12.5° | 287.3 |
| 15°   | 267.7 |
| 17.5° | 246.4 |
| 20°   | 223.9 |
| 22.5° | 201.0 |
| 25°   | 178.6 |
| 27.5° | 156.1 |
| 30°   | 134.8 |
| 32.5° | 114.4 |
| 35°   | 94.7  |
| 37.5° | 77.0  |
| 40°   | 61.0  |
| 42.5° | 46.9  |
| 45°   | 35.3  |
| 47.5° | 25.7  |
| 50°   | 17.7  |
| 52.5° | 11.6  |
| 55°   | 9.2   |
| 57.5° | 8.0   |
| 60°   | 7.2   |
| 62.5° | 6.0   |
| 65°   | 5.2   |
| 67.5° | 4.4   |
| 70°   | 3.6   |
| 72.5° | 3.2   |
| 75°   | 2.8   |
| 77.5° | 2.0   |
| 80°   | 1.6   |
| 82.5° | 1.2   |
| 85°   | 0.8   |
| 87.5° | 0.4   |
| 90°   | 0.0   |

(END OF REPORT)