

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: P1286671

Luminaire Tested: P3AS05R709030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1286671  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R709030D2WDE010 E3DL1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1M  
TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

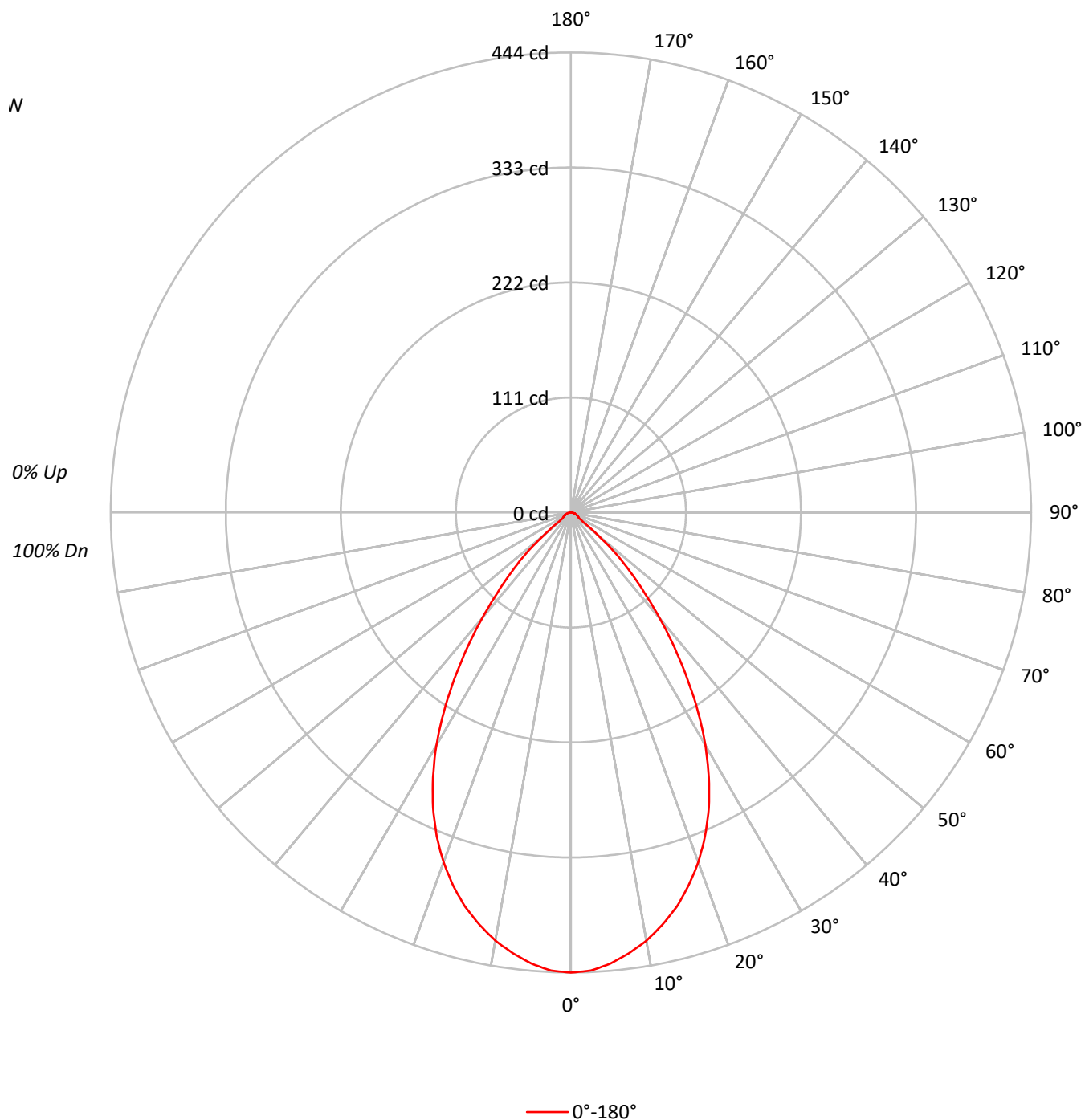
Lumens per Lamp: N/A  
Luminaire Lumens: 503.0 lumens  
Efficiency: N/A  
Efficacy: 45.3 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
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   | 113 | 110 | 107 | 104 | 110 | 107 | 105 | 103 | 103 | 101 | 100 |  | 100 | 98  | 97  |  | 96  |
| 2   | 106 | 101 | 96  | 93  | 104 | 99  | 95  | 92  | 96  | 92  | 90  |  | 93  | 90  | 88  |  | 90  |
| 3   | 100 | 93  | 88  | 83  | 98  | 92  | 87  | 82  | 89  | 85  | 81  |  | 86  | 83  | 80  |  | 84  |
| 4   | 94  | 86  | 80  | 75  | 93  | 85  | 79  | 75  | 83  | 78  | 74  |  | 81  | 76  | 73  |  | 79  |
| 5   | 89  | 80  | 73  | 69  | 87  | 79  | 73  | 68  | 77  | 72  | 68  |  | 75  | 71  | 67  |  | 74  |
| 6   | 84  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 66  | 62  |  | 70  | 65  | 62  |  | 69  |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  |  | 66  | 61  | 57  |  | 65  |
| 8   | 75  | 65  | 58  | 53  | 74  | 64  | 58  | 53  | 63  | 57  | 53  |  | 62  | 57  | 53  |  | 61  |
| 9   | 71  | 60  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 53  | 49  |  | 58  | 53  | 49  |  | 57  |
| 10  | 67  | 57  | 50  | 46  | 66  | 56  | 50  | 46  | 55  | 50  | 46  |  | 55  | 49  | 46  |  | 54  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 97383 |
| 5°  | 96214 |
| 10° | 93430 |
| 15° | 89467 |
| 20° | 83821 |
| 25° | 76141 |
| 30° | 65757 |
| 35° | 52414 |
| 40° | 38186 |
| 45° | 25088 |
| 50° | 11769 |
| 55° | 3632  |
| 60° | 3508  |
| 65° | 3373  |
| 70° | 3206  |
| 75° | 3389  |
| 80° | 3157  |
| 85° | 2516  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25088 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 41.2   | 8.2       |
| 10°-20°   | 110.3  | 21.9      |
| 20°-30°   | 143.4  | 28.5      |
| 30°-40°   | 121.6  | 24.2      |
| 40°-50°   | 62.7   | 12.5      |
| 50°-60°   | 12.1   | 2.4       |
| 60°-70°   | 6.6    | 1.3       |
| 70°-80°   | 4.0    | 0.8       |
| 80°-90°   | 1.2    | 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°    | 294.8  | 58.6      |
| 0°-40°    | 416.5  | 82.8      |
| 0°-60°    | 491.3  | 97.7      |
| 0°-90°    | 503.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 503.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 444 |      |
| 5°  | 437 | 41   |
| 15° | 394 | 110  |
| 25° | 315 | 143  |
| 35° | 196 | 122  |
| 45° | 81  | 63   |
| 55° | 10  | 12   |
| 65° | 6   | 7    |
| 75° | 4   | 4    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 444.1 |
| 2.5°  | 442.6 |
| 5°    | 437.1 |
| 7.5°  | 429.1 |
| 10°   | 419.6 |
| 12.5° | 407.6 |
| 15°   | 394.1 |
| 17.5° | 377.6 |
| 20°   | 359.2 |
| 22.5° | 338.2 |
| 25°   | 314.7 |
| 27.5° | 288.2 |
| 30°   | 259.7 |
| 32.5° | 228.3 |
| 35°   | 195.8 |
| 37.5° | 163.8 |
| 40°   | 133.4 |
| 42.5° | 104.9 |
| 45°   | 80.9  |
| 47.5° | 59.4  |
| 50°   | 34.5  |
| 52.5° | 15.0  |
| 55°   | 9.5   |
| 57.5° | 9.0   |
| 60°   | 8.0   |
| 62.5° | 7.5   |
| 65°   | 6.5   |
| 67.5° | 6.0   |
| 70°   | 5.0   |
| 72.5° | 4.5   |
| 75°   | 4.0   |
| 77.5° | 3.0   |
| 80°   | 2.5   |
| 82.5° | 1.5   |
| 85°   | 1.0   |
| 87.5° | 0.5   |
| 90°   | 0.0   |

(END OF REPORT)