

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: P1273273

Luminaire Tested: P3A05R209830DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1273273  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R209830DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

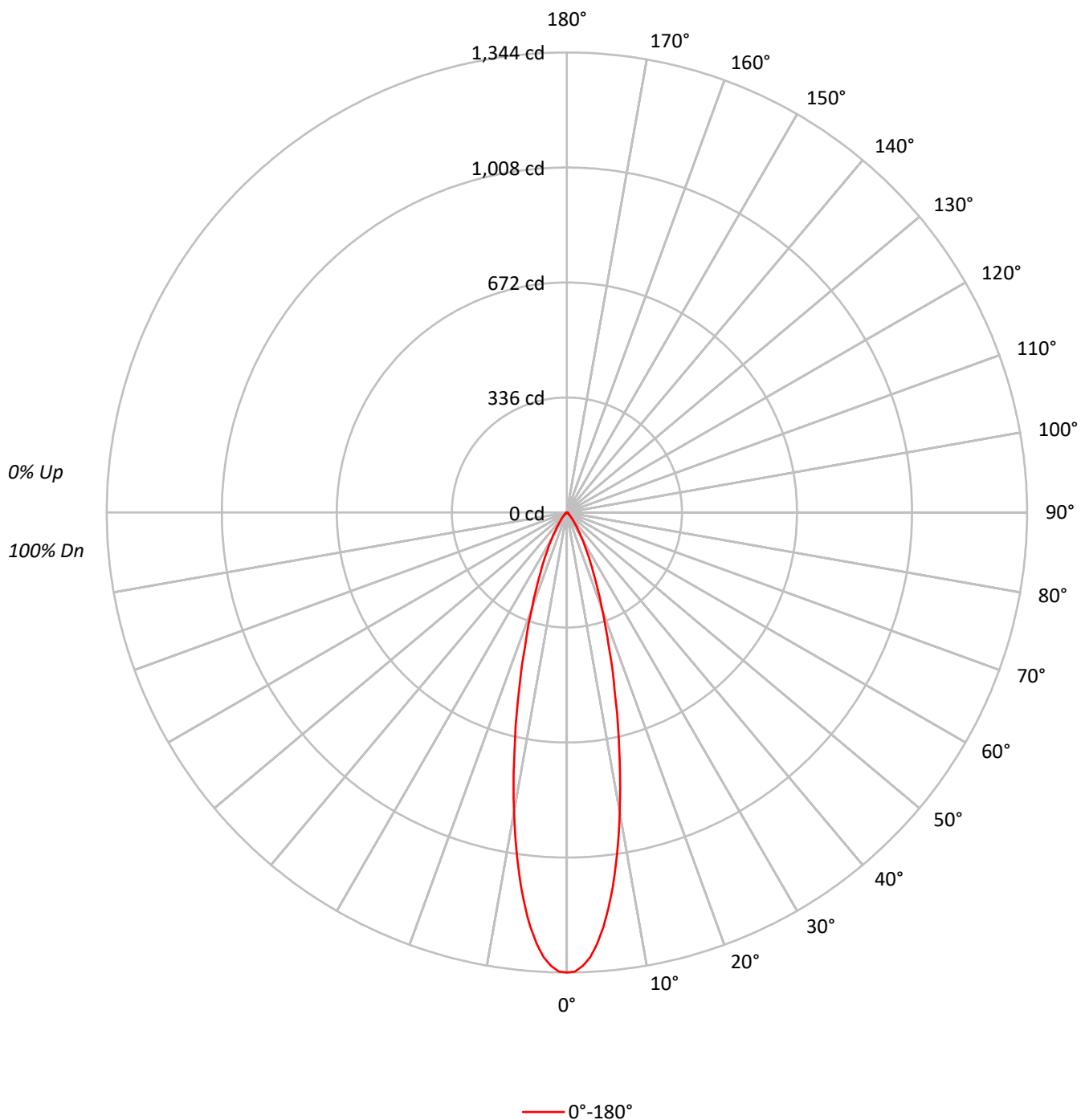
Lumens per Lamp: N/A  
Luminaire Lumens: 382.9 lumens  
Efficiency: N/A  
Efficacy: 53.2 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  |
| 2   | 110 | 106 | 102 | 100 | 108 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  |
| 3   | 106 | 100 | 96  | 93  | 104 | 99  | 95  | 92  | 97  | 93  | 91  |  | 94  | 92  | 89  |  | 92  |
| 4   | 102 | 96  | 91  | 88  | 100 | 95  | 90  | 87  | 92  | 89  | 86  |  | 91  | 88  | 85  |  | 89  |
| 5   | 98  | 91  | 87  | 83  | 97  | 90  | 86  | 83  | 89  | 85  | 82  |  | 87  | 84  | 81  |  | 86  |
| 6   | 95  | 87  | 83  | 79  | 93  | 87  | 82  | 79  | 85  | 81  | 78  |  | 84  | 81  | 78  |  | 83  |
| 7   | 91  | 84  | 79  | 76  | 90  | 83  | 79  | 76  | 82  | 78  | 75  |  | 81  | 78  | 75  |  | 80  |
| 8   | 88  | 81  | 76  | 73  | 87  | 80  | 76  | 73  | 79  | 75  | 72  |  | 78  | 75  | 72  |  | 78  |
| 9   | 86  | 78  | 73  | 70  | 85  | 77  | 73  | 70  | 77  | 73  | 70  |  | 76  | 72  | 70  |  | 75  |
| 10  | 83  | 75  | 71  | 68  | 82  | 75  | 70  | 67  | 74  | 70  | 67  |  | 73  | 70  | 67  |  | 73  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 294669 |
| 5°  | 267862 |
| 10° | 197970 |
| 15° | 122475 |
| 20° | 69936  |
| 25° | 39922  |
| 30° | 22383  |
| 35° | 12180  |
| 40° | 6670   |
| 45° | 3659   |
| 50° | 2149   |
| 55° | 1567   |
| 60° | 1447   |
| 65° | 1349   |
| 70° | 1154   |
| 75° | 1271   |
| 80° | 884    |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 3659 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 105.4  | 27.5      |
| 10°-20°   | 150.4  | 39.3      |
| 20°-30°   | 78.5   | 20.5      |
| 30°-40°   | 30.4   | 7.9       |
| 40°-50°   | 9.8    | 2.6       |
| 50°-60°   | 3.9    | 1.0       |
| 60°-70°   | 2.6    | 0.7       |
| 70°-80°   | 1.5    | 0.4       |
| 80°-90°   | 0.5    | 0.1       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 334.3  | 87.3      |
| 0°-40°    | 364.7  | 95.2      |
| 0°-60°    | 378.4  | 98.8      |
| 0°-90°    | 382.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 382.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1344 |      |
| 5°  | 1217 | 105  |
| 15° | 540  | 150  |
| 25° | 165  | 79   |
| 35° | 46   | 30   |
| 45° | 12   | 10   |
| 55° | 4    | 4    |
| 65° | 3    | 3    |
| 75° | 2    | 1    |
| 85° | 0    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1343.8 |
| 1°    | 1341.2 |
| 2°    | 1325.3 |
| 3°    | 1300.9 |
| 4°    | 1263.2 |
| 5°    | 1216.9 |
| 6°    | 1162.2 |
| 7°    | 1101.5 |
| 8°    | 1031.2 |
| 9°    | 962.7  |
| 10°   | 889.1  |
| 12.5° | 706.7  |
| 15°   | 539.5  |
| 17.5° | 403.7  |
| 20°   | 299.7  |
| 22.5° | 222.0  |
| 25°   | 165.0  |
| 27.5° | 121.7  |
| 30°   | 88.4   |
| 32.5° | 64.0   |
| 35°   | 45.5   |
| 37.5° | 32.9   |
| 40°   | 23.3   |
| 42.5° | 16.6   |
| 45°   | 11.8   |
| 47.5° | 8.5    |
| 50°   | 6.3    |
| 52.5° | 4.8    |
| 55°   | 4.1    |
| 57.5° | 3.7    |
| 60°   | 3.3    |
| 62.5° | 3.0    |
| 65°   | 2.6    |
| 67.5° | 2.2    |
| 70°   | 1.8    |
| 72.5° | 1.8    |
| 75°   | 1.5    |
| 77.5° | 1.1    |
| 80°   | 0.7    |
| 82.5° | 0.7    |
| 85°   | 0.4    |
| 87.5° | 0.4    |
| 90°   | 0.0    |

(END OF REPORT)