

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: P1273301

Luminaire Tested: P3A05R259830DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1273301  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R259830DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

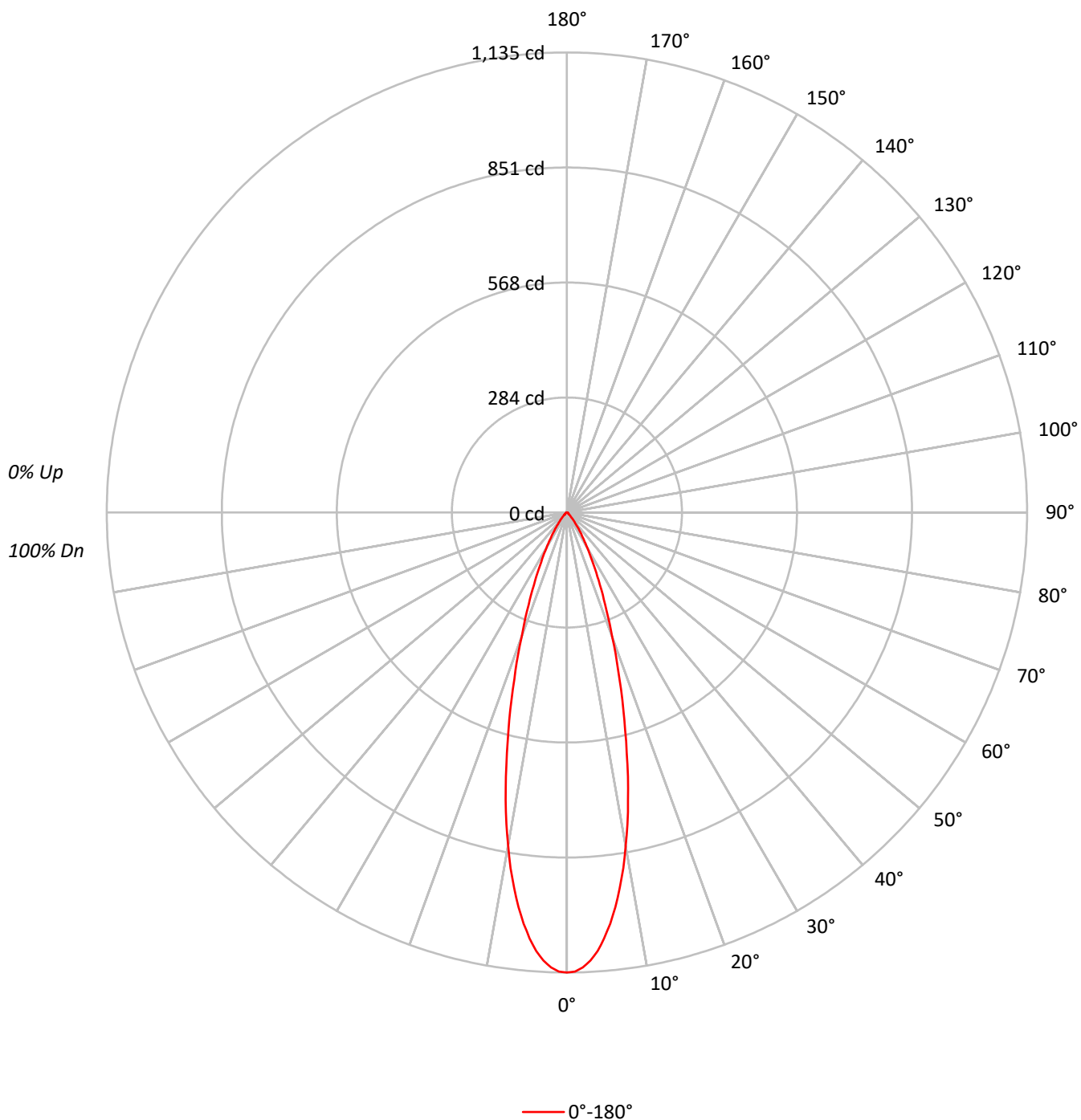
Lumens per Lamp: N/A  
Luminaire Lumens: 388.0 lumens  
Efficiency: N/A  
Efficacy: 53.9 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  | 30  | 10  |
| RCR |     |     |     |     |  |     |     |     |     |  |     |     |     |  |     |     |     |  |     |     |     |
| 0   | 119 | 119 | 119 | 119 |  | 116 | 116 | 116 | 116 |  | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |
| 1   | 114 | 112 | 110 | 108 |  | 112 | 110 | 108 | 106 |  | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  | 98  | 97  |
| 2   | 110 | 105 | 102 | 99  |  | 107 | 104 | 101 | 98  |  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  | 93  | 92  |
| 3   | 105 | 100 | 96  | 92  |  | 103 | 98  | 95  | 91  |  | 96  | 93  | 90  |  | 94  | 91  | 89  |  | 91  | 89  | 87  |
| 4   | 101 | 95  | 90  | 87  |  | 99  | 94  | 89  | 86  |  | 92  | 88  | 85  |  | 90  | 87  | 84  |  | 88  | 85  | 83  |
| 5   | 97  | 90  | 85  | 82  |  | 96  | 89  | 85  | 81  |  | 88  | 84  | 81  |  | 86  | 83  | 80  |  | 85  | 82  | 79  |
| 6   | 94  | 86  | 81  | 78  |  | 92  | 86  | 81  | 78  |  | 84  | 80  | 77  |  | 83  | 79  | 77  |  | 82  | 78  | 76  |
| 7   | 90  | 83  | 78  | 74  |  | 89  | 82  | 77  | 74  |  | 81  | 77  | 74  |  | 80  | 76  | 73  |  | 79  | 75  | 73  |
| 8   | 87  | 79  | 74  | 71  |  | 86  | 79  | 74  | 71  |  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  | 73  | 70  |
| 9   | 84  | 76  | 71  | 68  |  | 83  | 76  | 71  | 68  |  | 75  | 71  | 68  |  | 74  | 70  | 68  |  | 73  | 70  | 67  |
| 10  | 81  | 73  | 69  | 65  |  | 80  | 73  | 68  | 65  |  | 72  | 68  | 65  |  | 72  | 68  | 65  |  | 71  | 67  | 65  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 248884 |
| 5°  | 232203 |
| 10° | 186013 |
| 15° | 126266 |
| 20° | 76400  |
| 25° | 44688  |
| 30° | 25447  |
| 35° | 14000  |
| 40° | 7443   |
| 45° | 3907   |
| 50° | 2286   |
| 55° | 1682   |
| 60° | 1447   |
| 65° | 1557   |
| 70° | 1410   |
| 75° | 1271   |
| 80° | 884    |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 3907 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 93.6   | 24.1      |
| 10°-20°   | 152.9  | 39.4      |
| 20°-30°   | 87.4   | 22.5      |
| 30°-40°   | 34.5   | 8.9       |
| 40°-50°   | 10.6   | 2.7       |
| 50°-60°   | 4.2    | 1.1       |
| 60°-70°   | 2.8    | 0.7       |
| 70°-80°   | 1.6    | 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       |
| 0°-30°    | 333.9  | 86.1      |
| 0°-40°    | 368.4  | 94.9      |
| 0°-60°    | 383.1  | 98.7      |
| 0°-90°    | 388.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 388.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1135 |      |
| 5°  | 1055 | 94   |
| 15° | 556  | 153  |
| 25° | 185  | 87   |
| 35° | 52   | 34   |
| 45° | 13   | 11   |
| 55° | 4    | 4    |
| 65° | 3    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1135.0 |
| 1°    | 1132.8 |
| 2°    | 1123.5 |
| 3°    | 1107.2 |
| 4°    | 1084.6 |
| 5°    | 1054.9 |
| 6°    | 1020.1 |
| 7°    | 980.8  |
| 8°    | 935.2  |
| 9°    | 888.4  |
| 10°   | 835.4  |
| 11°   | 783.1  |
| 12°   | 725.7  |
| 13°   | 668.9  |
| 14°   | 610.7  |
| 15°   | 556.2  |
| 17.5° | 431.2  |
| 20°   | 327.4  |
| 22.5° | 245.8  |
| 25°   | 184.7  |
| 27.5° | 136.8  |
| 30°   | 100.5  |
| 32.5° | 72.7   |
| 35°   | 52.3   |
| 37.5° | 37.1   |
| 40°   | 26.0   |
| 42.5° | 17.8   |
| 45°   | 12.6   |
| 47.5° | 8.9    |
| 50°   | 6.7    |
| 52.5° | 5.2    |
| 55°   | 4.4    |
| 57.5° | 4.1    |
| 60°   | 3.3    |
| 62.5° | 3.0    |
| 65°   | 3.0    |
| 67.5° | 2.6    |
| 70°   | 2.2    |
| 72.5° | 1.9    |
| 75°   | 1.5    |
| 77.5° | 1.1    |
| 80°   | 0.7    |
| 82.5° | 0.7    |
| 85°   | 0.4    |
| 87.5° | 0.4    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)