

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: P1247238

Luminaire Tested: P3A17R259024DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1247238  
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: P3A17R259024DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

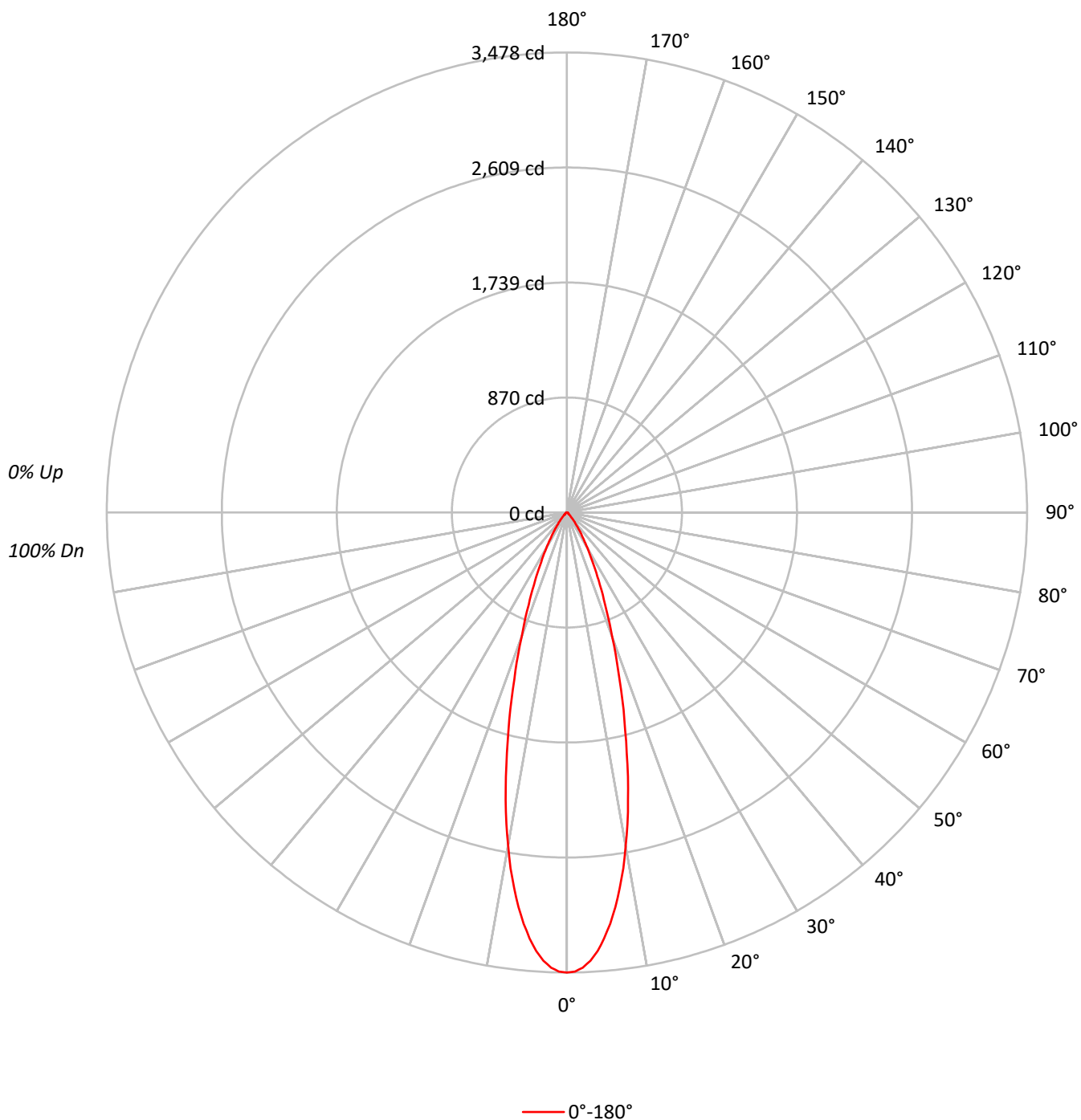
Lumens per Lamp: N/A  
Luminaire Lumens: 1189.0 lumens  
Efficiency: N/A  
Efficacy: 56.1 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  |  | 94  | 91  | 89  |  | 91  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  |  | 90  | 87  | 84  |  | 88  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  |  | 86  | 83  | 80  |  | 85  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  |  | 83  | 79  | 77  |  | 82  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  |  | 80  | 76  | 73  |  | 79  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  |  | 74  | 70  | 68  |  | 73  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  |  | 72  | 68  | 65  |  | 71  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 762702 |
| 5°  | 711576 |
| 10° | 570041 |
| 15° | 386926 |
| 20° | 234124 |
| 25° | 136919 |
| 30° | 77961  |
| 35° | 42884  |
| 40° | 22757  |
| 45° | 11970  |
| 50° | 6993   |
| 55° | 5199   |
| 60° | 4473   |
| 65° | 4722   |
| 70° | 4360   |
| 75° | 3813   |
| 80° | 2904   |
| 85° | 2768   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11970 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 286.9  | 24.1      |
| 10°-20°   | 468.6  | 39.4      |
| 20°-30°   | 267.8  | 22.5      |
| 30°-40°   | 105.6  | 8.9       |
| 40°-50°   | 32.4   | 2.7       |
| 50°-60°   | 12.8   | 1.1       |
| 60°-70°   | 8.6    | 0.7       |
| 70°-80°   | 4.8    | 0.4       |
| 80°-90°   | 1.5    | 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°    | 1023.2 | 86.1      |
| 0°-40°    | 1128.9 | 94.9      |
| 0°-60°    | 1174.1 | 98.7      |
| 0°-90°    | 1189.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1189.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3478 |      |
| 5°  | 3233 | 287  |
| 15° | 1704 | 469  |
| 25° | 566  | 268  |
| 35° | 160  | 106  |
| 45° | 39   | 32   |
| 55° | 14   | 13   |
| 65° | 9    | 9    |
| 75° | 4    | 5    |
| 85° | 1    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 3478.2 |
| 1°    | 3471.4 |
| 2°    | 3443.0 |
| 3°    | 3393.0 |
| 4°    | 3323.6 |
| 5°    | 3232.7 |
| 6°    | 3125.9 |
| 7°    | 3005.5 |
| 8°    | 2865.7 |
| 9°    | 2722.6 |
| 10°   | 2560.1 |
| 11°   | 2399.8 |
| 12°   | 2223.7 |
| 13°   | 2049.9 |
| 14°   | 1871.5 |
| 15°   | 1704.4 |
| 17.5° | 1321.5 |
| 20°   | 1003.3 |
| 22.5° | 753.4  |
| 25°   | 565.9  |
| 27.5° | 419.3  |
| 30°   | 307.9  |
| 32.5° | 222.7  |
| 35°   | 160.2  |
| 37.5° | 113.6  |
| 40°   | 79.5   |
| 42.5° | 54.5   |
| 45°   | 38.6   |
| 47.5° | 27.3   |
| 50°   | 20.5   |
| 52.5° | 15.9   |
| 55°   | 13.6   |
| 57.5° | 12.5   |
| 60°   | 10.2   |
| 62.5° | 9.1    |
| 65°   | 9.1    |
| 67.5° | 8.0    |
| 70°   | 6.8    |
| 72.5° | 5.7    |
| 75°   | 4.5    |
| 77.5° | 3.4    |
| 80°   | 2.3    |
| 82.5° | 2.3    |
| 85°   | 1.1    |
| 87.5° | 1.1    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)