

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: P1253069

Luminaire Tested: P3AS24R359030D010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1253069  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R359030D010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

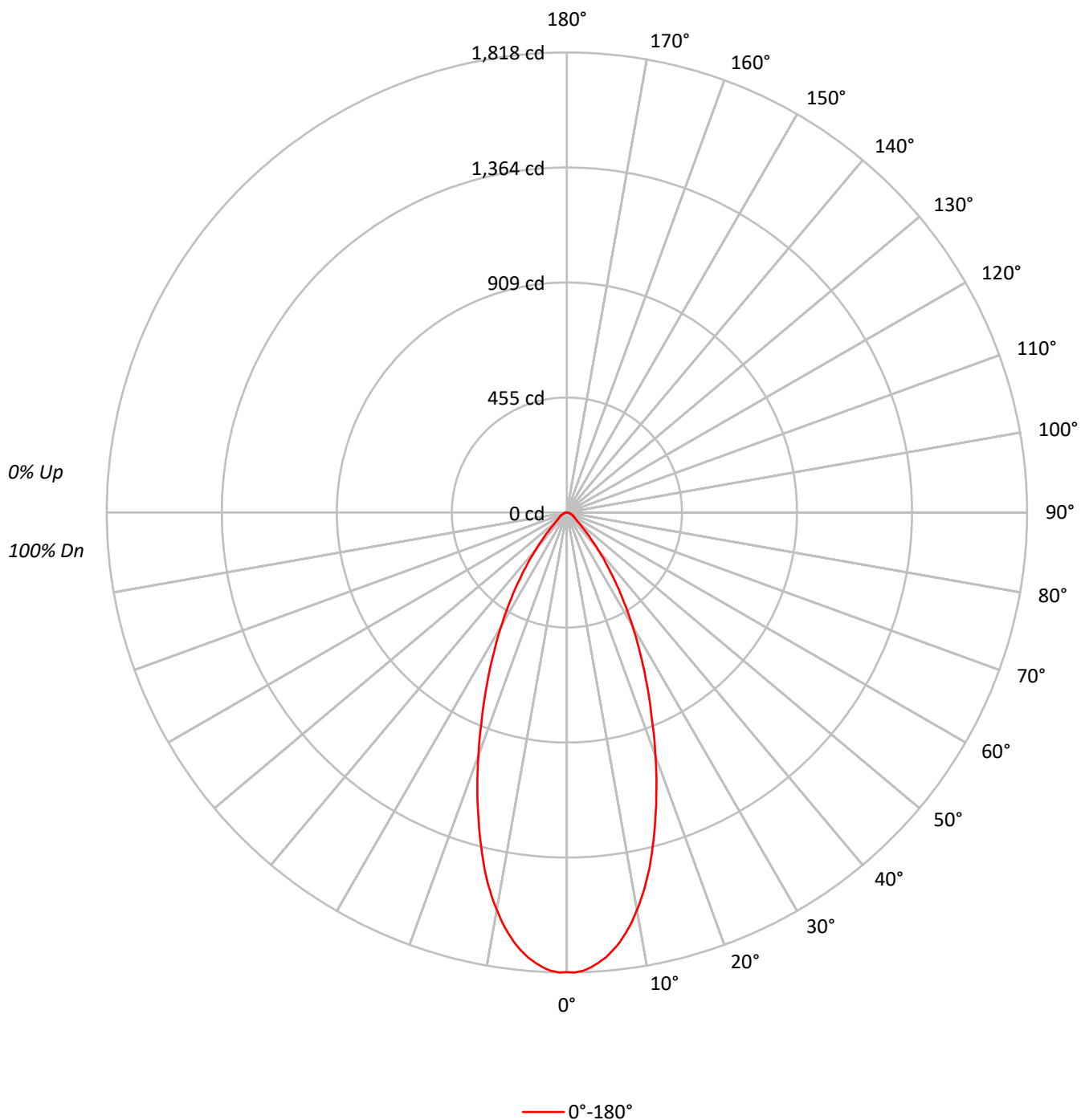
Lumens per Lamp: N/A  
Luminaire Lumens: 1239.0 lumens  
Efficiency: N/A  
Efficacy: 43.0 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 91  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 82  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 69  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  |  | 67  | 62  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 398258 |
| 5°  | 388421 |
| 10° | 355126 |
| 15° | 301432 |
| 20° | 238604 |
| 25° | 180470 |
| 30° | 131387 |
| 35° | 88847  |
| 40° | 54617  |
| 45° | 31352  |
| 50° | 18865  |
| 55° | 15330  |
| 60° | 13376  |
| 65° | 11882  |
| 70° | 9809   |
| 75° | 9658   |
| 80° | 9597   |
| 85° | 9561   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31352 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 163.1  | 13.2      |
| 10°-20°   | 366.1  | 29.5      |
| 20°-30°   | 342.4  | 27.6      |
| 30°-40°   | 209.6  | 16.9      |
| 40°-50°   | 82.6   | 6.7       |
| 50°-60°   | 36.4   | 2.9       |
| 60°-70°   | 22.6   | 1.8       |
| 70°-80°   | 12.1   | 1.0       |
| 80°-90°   | 4.1    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 871.6  | 70.3      |
| 0°-40°    | 1081.1 | 87.3      |
| 0°-60°    | 1200.1 | 96.9      |
| 0°-90°    | 1239.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1239.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1816 |      |
| 5°  | 1765 | 163  |
| 15° | 1328 | 366  |
| 25° | 746  | 342  |
| 35° | 332  | 210  |
| 45° | 101  | 83   |
| 55° | 40   | 36   |
| 65° | 23   | 23   |
| 75° | 11   | 12   |
| 85° | 4    | 4    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1816.2 |
| 1°    | 1818.1 |
| 2°    | 1812.3 |
| 3°    | 1800.9 |
| 4°    | 1783.7 |
| 5°    | 1764.6 |
| 6°    | 1739.8 |
| 7°    | 1711.2 |
| 8°    | 1676.9 |
| 9°    | 1638.7 |
| 10°   | 1594.9 |
| 11°   | 1549.1 |
| 12°   | 1499.5 |
| 13°   | 1446.1 |
| 14°   | 1386.9 |
| 15°   | 1327.8 |
| 17.5° | 1175.2 |
| 20°   | 1022.5 |
| 22.5° | 875.6  |
| 25°   | 745.9  |
| 27.5° | 625.7  |
| 30°   | 518.9  |
| 32.5° | 419.7  |
| 35°   | 331.9  |
| 37.5° | 253.7  |
| 40°   | 190.8  |
| 42.5° | 137.4  |
| 45°   | 101.1  |
| 47.5° | 72.5   |
| 50°   | 55.3   |
| 52.5° | 45.8   |
| 55°   | 40.1   |
| 57.5° | 34.3   |
| 60°   | 30.5   |
| 62.5° | 26.7   |
| 65°   | 22.9   |
| 67.5° | 19.1   |
| 70°   | 15.3   |
| 72.5° | 13.4   |
| 75°   | 11.4   |
| 77.5° | 9.5    |
| 80°   | 7.6    |
| 82.5° | 5.7    |
| 85°   | 3.8    |
| 87.5° | 1.9    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)