

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: P1271991

Luminaire Tested: P3AS13R359827DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1271991  
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: P3AS13R359827DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

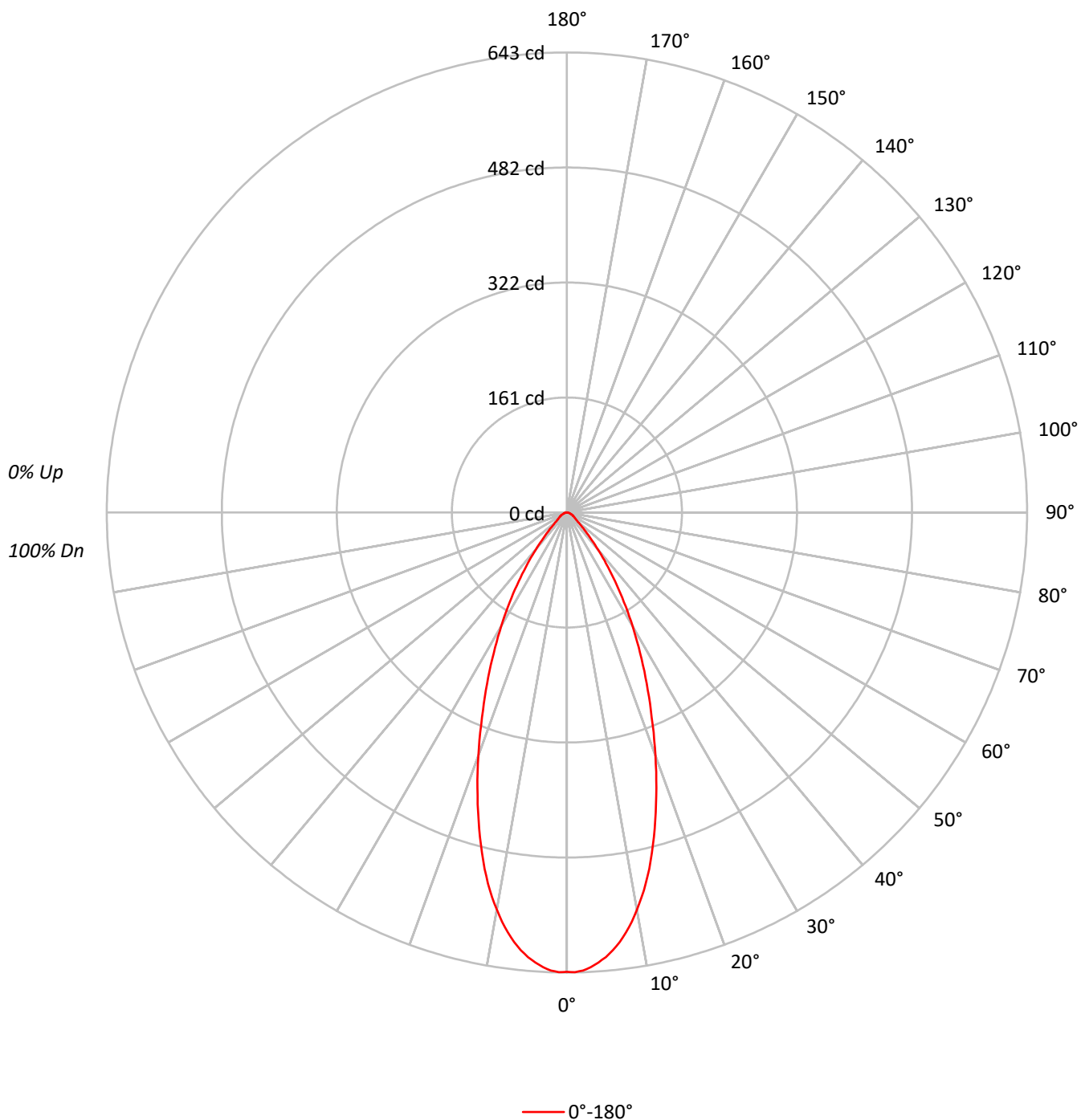
Lumens per Lamp: N/A  
Luminaire Lumens: 438.0 lumens  
Efficiency: N/A  
Efficacy: 30.2 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.5  
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°  | 140778 |
| 5°  | 137310 |
| 10° | 125538 |
| 15° | 106561 |
| 20° | 84357  |
| 25° | 63802  |
| 30° | 46438  |
| 35° | 31400  |
| 40° | 19293  |
| 45° | 11071  |
| 50° | 6686   |
| 55° | 5429   |
| 60° | 4736   |
| 65° | 4203   |
| 70° | 3462   |
| 75° | 3389   |
| 80° | 3410   |
| 85° | 3271   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11071 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.6   | 13.2      |
| 10°-20°   | 129.4  | 29.5      |
| 20°-30°   | 121.1  | 27.6      |
| 30°-40°   | 74.1   | 16.9      |
| 40°-50°   | 29.2   | 6.7       |
| 50°-60°   | 12.9   | 2.9       |
| 60°-70°   | 8.0    | 1.8       |
| 70°-80°   | 4.3    | 1.0       |
| 80°-90°   | 1.5    | 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       |
| 0°-30°    | 308.1  | 70.4      |
| 0°-40°    | 382.2  | 87.3      |
| 0°-60°    | 424.3  | 96.9      |
| 0°-90°    | 438.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 438.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 642 |      |
| 5°  | 624 | 58   |
| 15° | 469 | 129  |
| 25° | 264 | 121  |
| 35° | 117 | 74   |
| 45° | 36  | 29   |
| 55° | 14  | 13   |
| 65° | 8   | 8    |
| 75° | 4   | 4    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 642.0 |
| 1°    | 642.7 |
| 2°    | 640.7 |
| 3°    | 636.6 |
| 4°    | 630.6 |
| 5°    | 623.8 |
| 6°    | 615.1 |
| 7°    | 604.9 |
| 8°    | 592.8 |
| 9°    | 579.3 |
| 10°   | 563.8 |
| 11°   | 547.6 |
| 12°   | 530.1 |
| 13°   | 511.2 |
| 14°   | 490.3 |
| 15°   | 469.4 |
| 17.5° | 415.4 |
| 20°   | 361.5 |
| 22.5° | 309.6 |
| 25°   | 263.7 |
| 27.5° | 221.2 |
| 30°   | 183.4 |
| 32.5° | 148.4 |
| 35°   | 117.3 |
| 37.5° | 89.7  |
| 40°   | 67.4  |
| 42.5° | 48.6  |
| 45°   | 35.7  |
| 47.5° | 25.6  |
| 50°   | 19.6  |
| 52.5° | 16.2  |
| 55°   | 14.2  |
| 57.5° | 12.1  |
| 60°   | 10.8  |
| 62.5° | 9.4   |
| 65°   | 8.1   |
| 67.5° | 6.7   |
| 70°   | 5.4   |
| 72.5° | 4.7   |
| 75°   | 4.0   |
| 77.5° | 3.4   |
| 80°   | 2.7   |
| 82.5° | 2.0   |
| 85°   | 1.3   |
| 87.5° | 0.7   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)