

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: P1246892

Luminaire Tested: P3AS13R309024DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1246892  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R309024DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

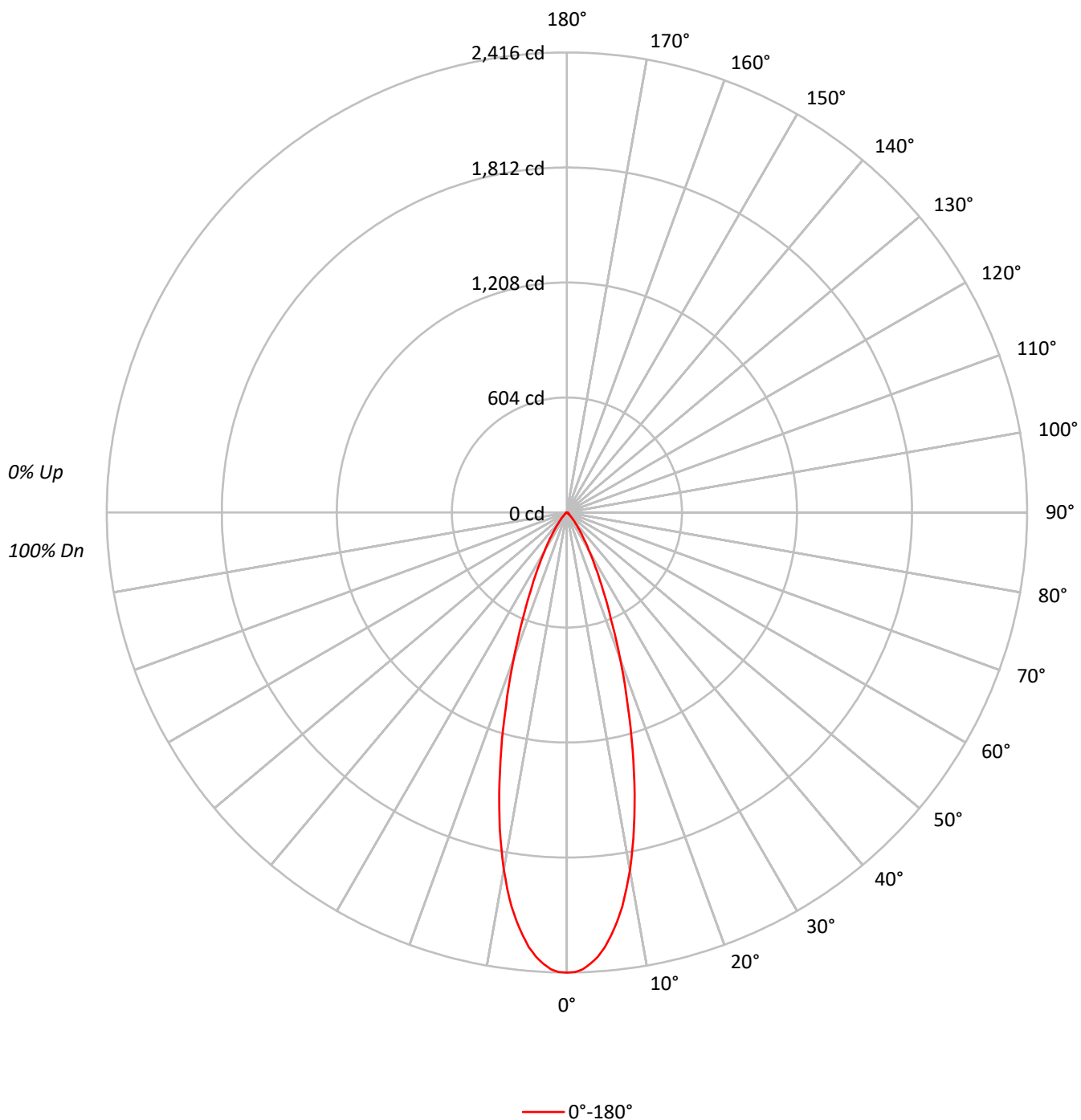
Lumens per Lamp: N/A  
Luminaire Lumens: 908.0 lumens  
Efficiency: N/A  
Efficacy: 62.2 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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  | 85  | 81  | 77  | 84  | 80  | 77  |  | 83  | 79  | 76  |  | 81  |
| 7   | 90  | 82  | 77  | 74  | 89  | 82  | 77  | 74  | 81  | 76  | 73  |  | 80  | 76  | 73  |  | 79  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 73  | 70  |  | 77  | 73  | 70  |  | 76  |
| 9   | 84  | 76  | 71  | 68  | 83  | 75  | 71  | 68  | 75  | 70  | 67  |  | 74  | 70  | 67  |  | 73  |
| 10  | 81  | 73  | 68  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  |  | 71  | 67  | 65  |  | 71  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 529848 |
| 5°  | 504313 |
| 10° | 424196 |
| 15° | 305904 |
| 20° | 189763 |
| 25° | 107909 |
| 30° | 59933  |
| 35° | 32605  |
| 40° | 17175  |
| 45° | 9303   |
| 50° | 4981   |
| 55° | 3288   |
| 60° | 3026   |
| 65° | 3113   |
| 70° | 2757   |
| 75° | 2203   |
| 80° | 2147   |
| 85° | 2264   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 9303 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 206.3  | 22.7      |
| 10°-20°   | 366.7  | 40.4      |
| 20°-30°   | 211.9  | 23.3      |
| 30°-40°   | 80.4   | 8.9       |
| 40°-50°   | 24.7   | 2.7       |
| 50°-60°   | 8.3    | 0.9       |
| 60°-70°   | 5.6    | 0.6       |
| 70°-80°   | 3.1    | 0.3       |
| 80°-90°   | 0.9    | 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°    | 784.9  | 86.4      |
| 0°-40°    | 865.4  | 95.3      |
| 0°-60°    | 898.4  | 98.9      |
| 0°-90°    | 908.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 908.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2416 |      |
| 5°  | 2291 | 206  |
| 15° | 1348 | 367  |
| 25° | 446  | 212  |
| 35° | 122  | 80   |
| 45° | 30   | 25   |
| 55° | 9    | 8    |
| 65° | 6    | 6    |
| 75° | 3    | 3    |
| 85° | 1    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2416.3 |
| 1°    | 2414.6 |
| 2°    | 2400.0 |
| 3°    | 2372.5 |
| 4°    | 2338.2 |
| 5°    | 2291.1 |
| 6°    | 2231.0 |
| 7°    | 2164.1 |
| 8°    | 2089.5 |
| 9°    | 2000.3 |
| 10°   | 1905.1 |
| 11°   | 1802.1 |
| 12°   | 1693.2 |
| 13°   | 1579.1 |
| 14°   | 1463.3 |
| 15°   | 1347.5 |
| 17.5° | 1062.8 |
| 20°   | 813.2  |
| 22.5° | 603.0  |
| 25°   | 446.0  |
| 27.5° | 324.2  |
| 30°   | 236.7  |
| 32.5° | 170.7  |
| 35°   | 121.8  |
| 37.5° | 84.9   |
| 40°   | 60.0   |
| 42.5° | 42.0   |
| 45°   | 30.0   |
| 47.5° | 20.6   |
| 50°   | 14.6   |
| 52.5° | 10.3   |
| 55°   | 8.6    |
| 57.5° | 7.7    |
| 60°   | 6.9    |
| 62.5° | 6.0    |
| 65°   | 6.0    |
| 67.5° | 5.1    |
| 70°   | 4.3    |
| 72.5° | 3.4    |
| 75°   | 2.6    |
| 77.5° | 2.6    |
| 80°   | 1.7    |
| 82.5° | 1.7    |
| 85°   | 0.9    |
| 87.5° | 0.0    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)