

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: P1269762

Luminaire Tested: P3AS13R209740DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1269762  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209740DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

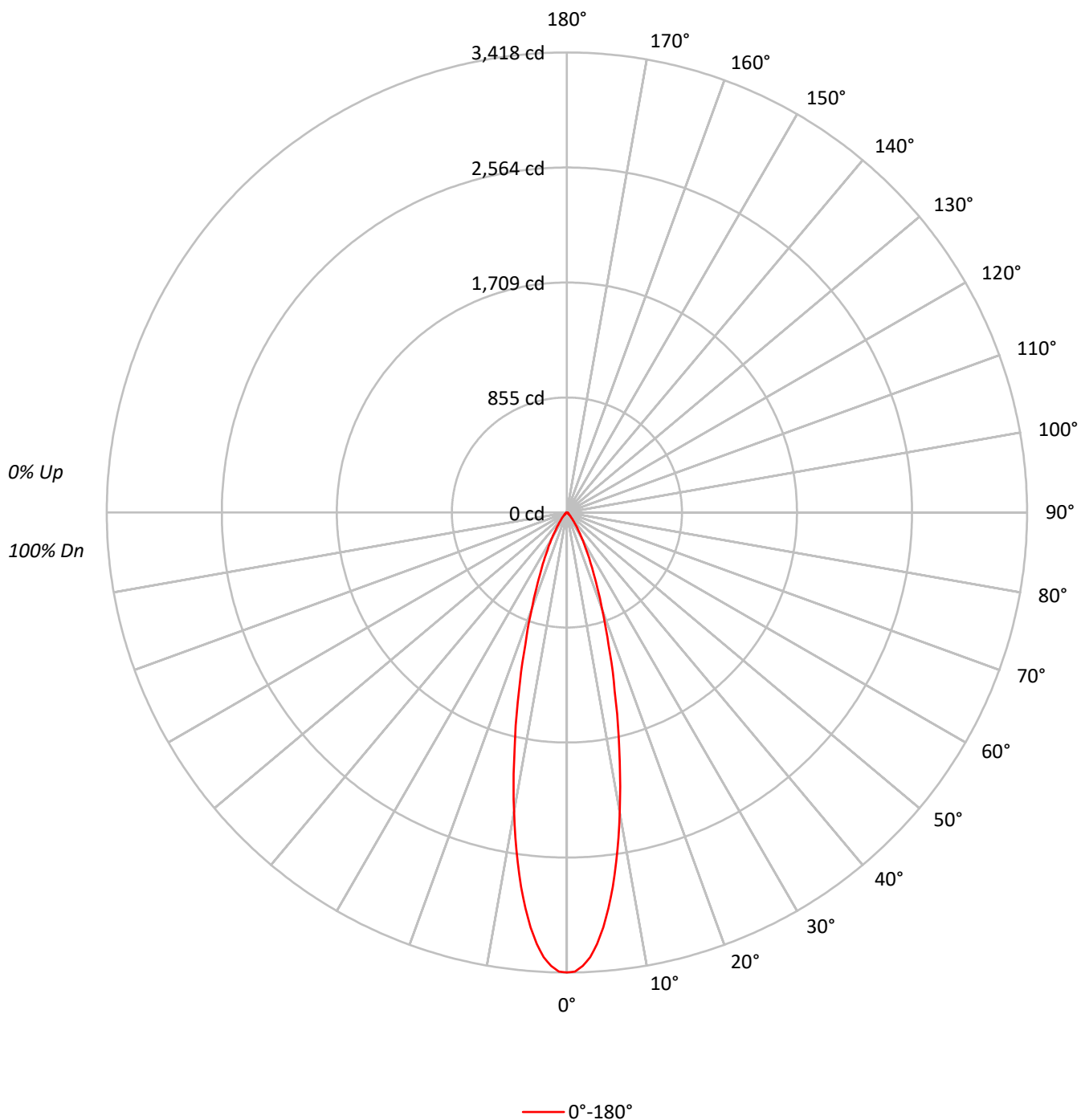
Lumens per Lamp: N/A  
Luminaire Lumens: 974.0 lumens  
Efficiency: N/A  
Efficacy: 66.7 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  | 98  | 97  | 95  |
| 2   | 110 | 106 | 102 | 100 | 108 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  | 94  | 92  | 91  |
| 3   | 106 | 100 | 96  | 93  | 104 | 99  | 95  | 92  | 97  | 93  | 91  |  | 94  | 92  | 89  |  | 92  | 90  | 88  | 87  |
| 4   | 102 | 96  | 91  | 88  | 100 | 95  | 90  | 87  | 92  | 89  | 86  |  | 91  | 88  | 85  |  | 89  | 86  | 84  | 83  |
| 5   | 98  | 91  | 87  | 83  | 97  | 90  | 86  | 83  | 89  | 85  | 82  |  | 87  | 84  | 81  |  | 86  | 83  | 81  | 79  |
| 6   | 95  | 87  | 83  | 79  | 93  | 87  | 82  | 79  | 85  | 81  | 78  |  | 84  | 81  | 78  |  | 83  | 80  | 77  | 76  |
| 7   | 91  | 84  | 79  | 76  | 90  | 83  | 79  | 76  | 82  | 78  | 75  |  | 81  | 78  | 75  |  | 80  | 77  | 75  | 73  |
| 8   | 88  | 81  | 76  | 73  | 87  | 80  | 76  | 73  | 79  | 75  | 72  |  | 78  | 75  | 72  |  | 78  | 74  | 72  | 71  |
| 9   | 85  | 78  | 73  | 70  | 85  | 77  | 73  | 70  | 77  | 73  | 70  |  | 76  | 72  | 69  |  | 75  | 72  | 69  | 68  |
| 10  | 83  | 75  | 71  | 68  | 82  | 75  | 70  | 67  | 74  | 70  | 67  |  | 73  | 70  | 67  |  | 73  | 69  | 67  | 66  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 749392 |
| 5°  | 681200 |
| 10° | 503464 |
| 15° | 311443 |
| 20° | 177862 |
| 25° | 101546 |
| 30° | 56945  |
| 35° | 30972  |
| 40° | 16975  |
| 45° | 9334   |
| 50° | 5458   |
| 55° | 3976   |
| 60° | 3728   |
| 65° | 3424   |
| 70° | 3013   |
| 75° | 3219   |
| 80° | 2399   |
| 85° | 2264   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 9334 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 268.0  | 27.5      |
| 10°-20°   | 382.6  | 39.3      |
| 20°-30°   | 199.7  | 20.5      |
| 30°-40°   | 77.2   | 7.9       |
| 40°-50°   | 25.0   | 2.6       |
| 50°-60°   | 9.9    | 1.0       |
| 60°-70°   | 6.5    | 0.7       |
| 70°-80°   | 3.8    | 0.4       |
| 80°-90°   | 1.3    | 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°    | 850.3  | 87.3      |
| 0°-40°    | 927.5  | 95.2      |
| 0°-60°    | 962.4  | 98.8      |
| 0°-90°    | 974.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 974.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3418 |      |
| 5°  | 3095 | 268  |
| 15° | 1372 | 383  |
| 25° | 420  | 200  |
| 35° | 116  | 77   |
| 45° | 30   | 25   |
| 55° | 10   | 10   |
| 65° | 7    | 7    |
| 75° | 4    | 4    |
| 85° | 1    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 3417.5 |
| 1°    | 3410.9 |
| 2°    | 3370.4 |
| 3°    | 3308.3 |
| 4°    | 3212.3 |
| 5°    | 3094.7 |
| 6°    | 2955.5 |
| 7°    | 2801.1 |
| 8°    | 2622.4 |
| 9°    | 2448.3 |
| 10°   | 2261.1 |
| 12.5° | 1797.2 |
| 15°   | 1371.9 |
| 17.5° | 1026.6 |
| 20°   | 762.2  |
| 22.5° | 564.6  |
| 25°   | 419.7  |
| 27.5° | 309.6  |
| 30°   | 224.9  |
| 32.5° | 162.8  |
| 35°   | 115.7  |
| 37.5° | 83.7   |
| 40°   | 59.3   |
| 42.5° | 42.3   |
| 45°   | 30.1   |
| 47.5° | 21.6   |
| 50°   | 16.0   |
| 52.5° | 12.2   |
| 55°   | 10.4   |
| 57.5° | 9.4    |
| 60°   | 8.5    |
| 62.5° | 7.5    |
| 65°   | 6.6    |
| 67.5° | 5.6    |
| 70°   | 4.7    |
| 72.5° | 4.7    |
| 75°   | 3.8    |
| 77.5° | 2.8    |
| 80°   | 1.9    |
| 82.5° | 1.9    |
| 85°   | 0.9    |
| 87.5° | 0.9    |
| 90°   | 0.0    |

(END OF REPORT)