

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: P1292216

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1LI\_3000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1292216  
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: P3A09R25W2N902750DE010 E3DL1LI\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

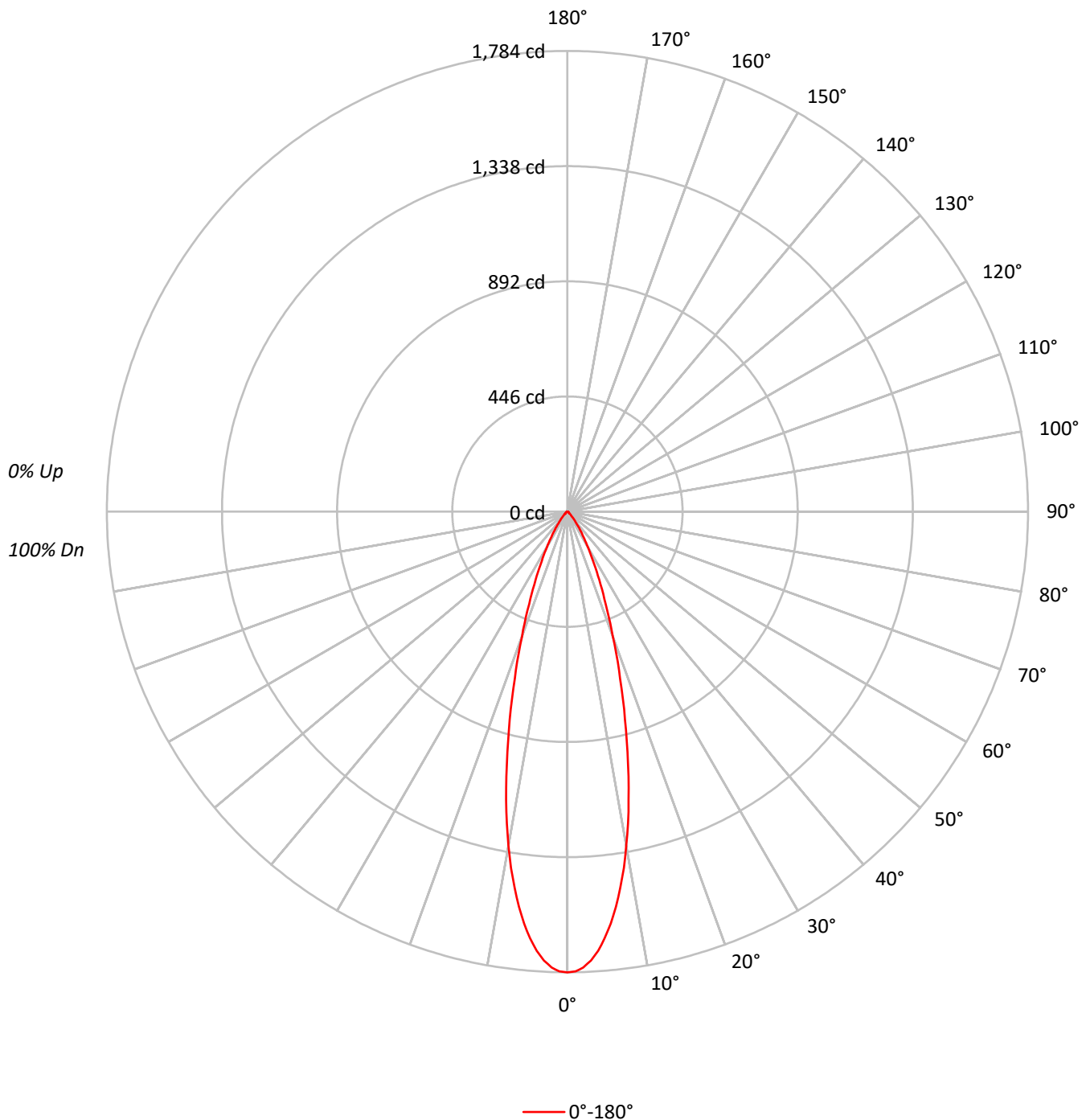
Lumens per Lamp: N/A  
Luminaire Lumens: 610.0 lumens  
Efficiency: N/A  
Efficacy: 67.8 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 9  
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 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  | 98  | 96  | 94  | 95  | 93  | 92  | 90  |  |  |   |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  | 94  | 91  | 89  | 91  | 89  | 87  | 86  |  |  |   |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  | 90  | 87  | 84  | 88  | 85  | 83  | 82  |  |  |   |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  | 86  | 83  | 80  | 85  | 82  | 79  | 78  |  |  |   |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 78  | 76  | 75  |  |  |   |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 73  | 79  | 75  | 73  | 72  |  |  |   |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 73  | 70  | 76  | 73  | 70  | 69  |  |  |   |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  | 74  | 70  | 68  | 73  | 70  | 67  | 66  |  |  |   |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  | 72  | 68  | 65  | 71  | 67  | 65  | 64  |  |  |   |

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

|     | 0°     |
|-----|--------|
| 0°  | 391284 |
| 5°  | 365066 |
| 10° | 292446 |
| 15° | 198503 |
| 20° | 120130 |
| 25° | 70238  |
| 30° | 40006  |
| 35° | 22004  |
| 40° | 11679  |
| 45° | 6140   |
| 50° | 3582   |
| 55° | 2676   |
| 60° | 2281   |
| 65° | 2439   |
| 70° | 2244   |
| 75° | 1949   |
| 80° | 1515   |
| 85° | 1510   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle:  $0^\circ$ 

Vertical Angle:  $45^\circ$

Luminance: 6140 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 147.2  | 24.1      |
| 10°-20°   | 240.4  | 39.4      |
| 20°-30°   | 137.4  | 22.5      |
| 30°-40°   | 54.2   | 8.9       |
| 40°-50°   | 16.6   | 2.7       |
| 50°-60°   | 6.6    | 1.1       |
| 60°-70°   | 4.4    | 0.7       |
| 70°-80°   | 2.4    | 0.4       |
| 80°-90°   | 0.8    | 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°    | 525.0  | 86.1      |
| 0°-40°    | 579.2  | 94.9      |
| 0°-60°    | 602.4  | 98.7      |
| 0°-90°    | 610.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 610.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1784 |      |
| 5°  | 1658 | 147  |
| 15° | 874  | 240  |
| 25° | 290  | 137  |
| 35° | 82   | 54   |
| 45° | 20   | 17   |
| 55° | 7    | 7    |
| 65° | 5    | 4    |
| 75° | 2    | 2    |
| 85° | 1    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1784.4 |
| 1°    | 1780.9 |
| 2°    | 1766.4 |
| 3°    | 1740.7 |
| 4°    | 1705.2 |
| 5°    | 1658.5 |
| 6°    | 1603.7 |
| 7°    | 1541.9 |
| 8°    | 1470.2 |
| 9°    | 1396.8 |
| 10°   | 1313.4 |
| 11°   | 1231.2 |
| 12°   | 1140.8 |
| 13°   | 1051.7 |
| 14°   | 960.1  |
| 15°   | 874.4  |
| 17.5° | 678.0  |
| 20°   | 514.8  |
| 22.5° | 386.5  |
| 25°   | 290.3  |
| 27.5° | 215.1  |
| 30°   | 158.0  |
| 32.5° | 114.3  |
| 35°   | 82.2   |
| 37.5° | 58.3   |
| 40°   | 40.8   |
| 42.5° | 28.0   |
| 45°   | 19.8   |
| 47.5° | 14.0   |
| 50°   | 10.5   |
| 52.5° | 8.2    |
| 55°   | 7.0    |
| 57.5° | 6.4    |
| 60°   | 5.2    |
| 62.5° | 4.7    |
| 65°   | 4.7    |
| 67.5° | 4.1    |
| 70°   | 3.5    |
| 72.5° | 2.9    |
| 75°   | 2.3    |
| 77.5° | 1.7    |
| 80°   | 1.2    |
| 82.5° | 1.2    |
| 85°   | 0.6    |
| 87.5° | 0.6    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)