

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: P1300012

Luminaire Tested: P3A17R25W2N902765DE010 E3DLD1H\_5000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1300012  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R25W2N902765DE010 E3DLD1H\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,  
E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

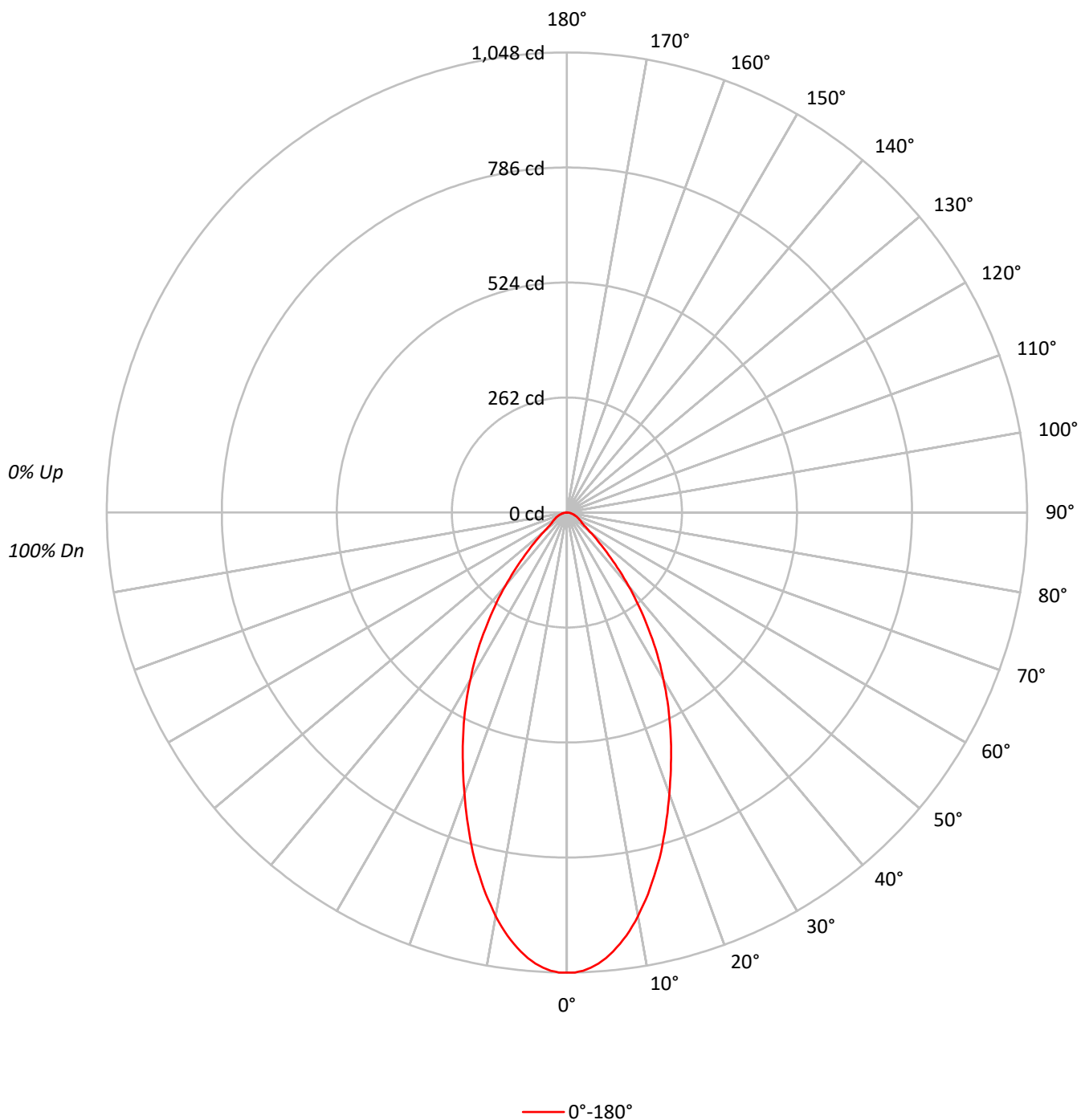
Lumens per Lamp: N/A  
Luminaire Lumens: 967.0 lumens  
Efficiency: N/A  
Efficacy: 49.8 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 19.4  
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  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 94  | 93  | 91  |    |    |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 83  |    |    |
| 3   | 100 | 92  | 87  | 82  | 98  | 91  | 86  | 82  | 88  | 84  | 80  | 86  | 82  | 79  | 83  | 80  | 78  | 76  |    |    |
| 4   | 94  | 85  | 79  | 74  | 92  | 84  | 78  | 74  | 82  | 77  | 73  | 80  | 76  | 72  | 78  | 74  | 71  | 70  |    |    |
| 5   | 89  | 79  | 73  | 68  | 87  | 78  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 66  | 73  | 69  | 66  | 64  |    |    |
| 6   | 84  | 74  | 67  | 62  | 82  | 73  | 67  | 62  | 71  | 66  | 62  | 70  | 65  | 61  | 69  | 64  | 61  | 59  |    |    |
| 7   | 79  | 69  | 62  | 58  | 78  | 68  | 62  | 58  | 67  | 61  | 57  | 66  | 61  | 57  | 65  | 60  | 57  | 55  |    |    |
| 8   | 75  | 65  | 58  | 54  | 74  | 64  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  | 51  |    |    |
| 9   | 71  | 61  | 54  | 50  | 70  | 60  | 54  | 50  | 59  | 54  | 50  | 58  | 53  | 50  | 57  | 53  | 49  | 48  |    |    |
| 10  | 68  | 57  | 51  | 47  | 67  | 57  | 51  | 47  | 56  | 50  | 47  | 55  | 50  | 46  | 54  | 50  | 46  | 45  |    |    |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 229828 |
| 5°  | 224345 |
| 10° | 207879 |
| 15° | 185154 |
| 20° | 159100 |
| 25° | 135250 |
| 30° | 111334 |
| 35° | 86759  |
| 40° | 62403  |
| 45° | 39601  |
| 50° | 23436  |
| 55° | 16133  |
| 60° | 14780  |
| 65° | 13750  |
| 70° | 12374  |
| 75° | 11268  |
| 80° | 10607  |
| 85° | 9057   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 39601 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.5   | 9.8       |
| 10°-20°   | 226.4  | 23.4      |
| 20°-30°   | 255.8  | 26.5      |
| 30°-40°   | 202.3  | 20.9      |
| 40°-50°   | 102.2  | 10.6      |
| 50°-60°   | 40.9   | 4.2       |
| 60°-70°   | 26.2   | 2.7       |
| 70°-80°   | 14.5   | 1.5       |
| 80°-90°   | 4.1    | 0.4       |
| 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°    | 576.7  | 59.6      |
| 0°-40°    | 779.1  | 80.6      |
| 0°-60°    | 922.2  | 95.4      |
| 0°-90°    | 967.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 967.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1048 |      |
| 5°  | 1019 | 95   |
| 15° | 816  | 226  |
| 25° | 559  | 256  |
| 35° | 324  | 202  |
| 45° | 128  | 102  |
| 55° | 42   | 41   |
| 65° | 26   | 26   |
| 75° | 13   | 14   |
| 85° | 4    | 4    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1048.1 |
| 1°    | 1048.1 |
| 2°    | 1044.5 |
| 3°    | 1038.4 |
| 4°    | 1030.0 |
| 5°    | 1019.2 |
| 6°    | 1005.9 |
| 7°    | 990.2  |
| 8°    | 973.4  |
| 9°    | 954.1  |
| 10°   | 933.6  |
| 11°   | 910.7  |
| 12°   | 889.1  |
| 13°   | 863.8  |
| 14°   | 839.7  |
| 15°   | 815.6  |
| 17.5° | 748.1  |
| 20°   | 681.8  |
| 22.5° | 619.2  |
| 25°   | 559.0  |
| 27.5° | 499.9  |
| 30°   | 439.7  |
| 32.5° | 383.1  |
| 35°   | 324.1  |
| 37.5° | 269.8  |
| 40°   | 218.0  |
| 42.5° | 169.9  |
| 45°   | 127.7  |
| 47.5° | 95.2   |
| 50°   | 68.7   |
| 52.5° | 51.8   |
| 55°   | 42.2   |
| 57.5° | 38.5   |
| 60°   | 33.7   |
| 62.5° | 30.1   |
| 65°   | 26.5   |
| 67.5° | 22.9   |
| 70°   | 19.3   |
| 72.5° | 16.9   |
| 75°   | 13.3   |
| 77.5° | 10.8   |
| 80°   | 8.4    |
| 82.5° | 6.0    |
| 85°   | 3.6    |
| 87.5° | 1.2    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)