

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: P1247363

Luminaire Tested: P3AS17R459024DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1247363  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R459024DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

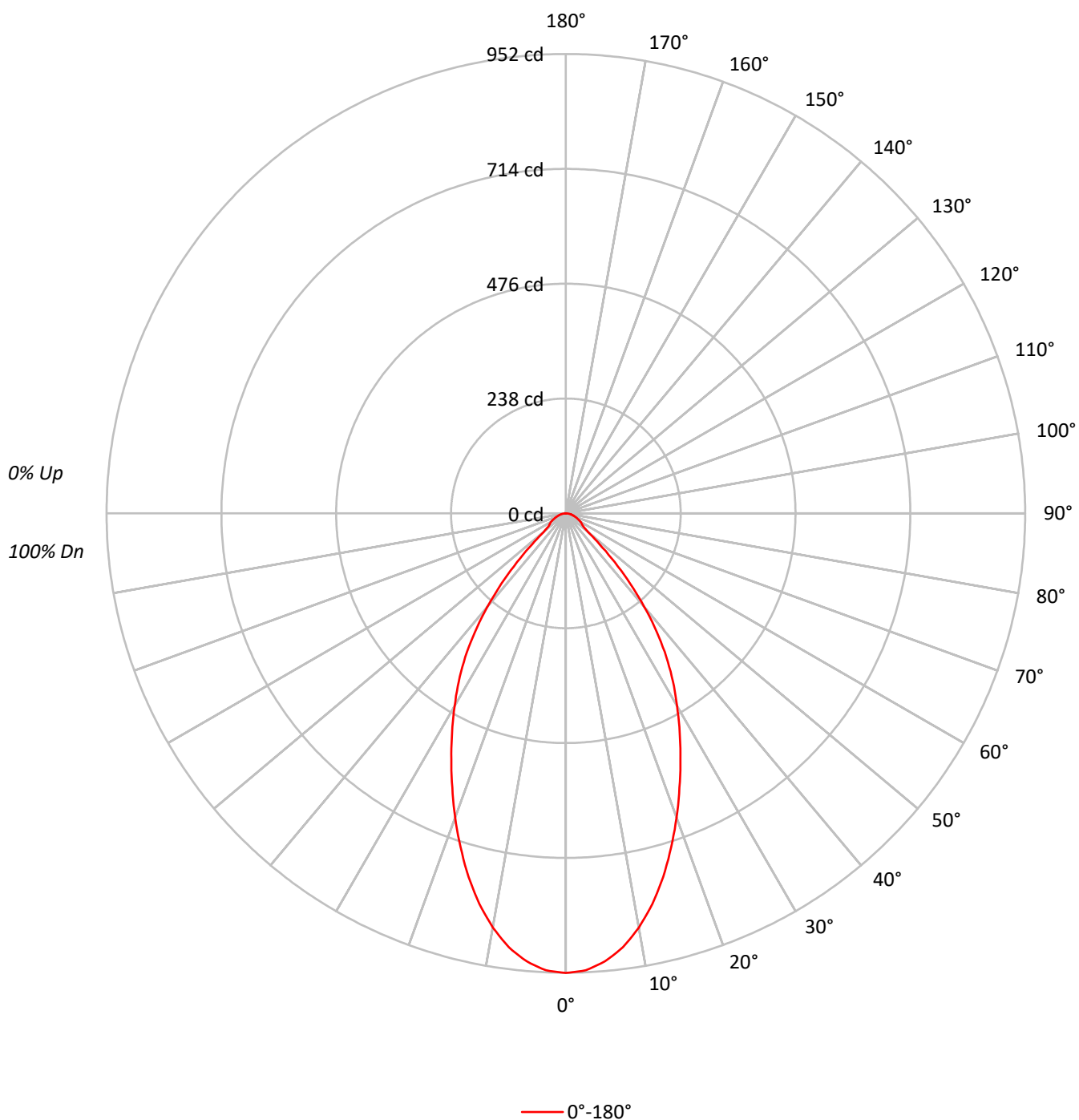
Lumens per Lamp: N/A  
Luminaire Lumens: 985.0 lumens  
Efficiency: N/A  
Efficacy: 46.5 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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   | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99  |  | 99  | 97  | 96  |  | 96  |
| 2   | 106 | 100 | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 91  | 88  |  | 92  | 89  | 86  |  | 89  |
| 3   | 99  | 92  | 86  | 82  | 97  | 90  | 85  | 81  | 88  | 83  | 80  |  | 85  | 81  | 78  |  | 83  |
| 4   | 94  | 85  | 78  | 74  | 92  | 84  | 78  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 5   | 88  | 79  | 72  | 67  | 86  | 78  | 71  | 67  | 76  | 70  | 66  |  | 74  | 69  | 65  |  | 72  |
| 6   | 83  | 73  | 66  | 61  | 81  | 72  | 66  | 61  | 71  | 65  | 61  |  | 69  | 64  | 60  |  | 68  |
| 7   | 78  | 68  | 61  | 57  | 77  | 67  | 61  | 56  | 66  | 60  | 56  |  | 65  | 60  | 56  |  | 64  |
| 8   | 74  | 64  | 57  | 52  | 73  | 63  | 57  | 52  | 62  | 56  | 52  |  | 61  | 56  | 52  |  | 60  |
| 9   | 70  | 60  | 53  | 49  | 69  | 59  | 53  | 49  | 58  | 52  | 48  |  | 57  | 52  | 48  |  | 56  |
| 10  | 67  | 56  | 50  | 45  | 66  | 56  | 49  | 45  | 55  | 49  | 45  |  | 54  | 49  | 45  |  | 53  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 208843 |
| 5°  | 205150 |
| 10° | 194118 |
| 15° | 177050 |
| 20° | 156557 |
| 25° | 135951 |
| 30° | 116702 |
| 35° | 97253  |
| 40° | 72450  |
| 45° | 44346  |
| 50° | 20537  |
| 55° | 16057  |
| 60° | 15437  |
| 65° | 14113  |
| 70° | 13079  |
| 75° | 12539  |
| 80° | 11491  |
| 85° | 8554   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44346 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 87.1   | 8.8       |
| 10°-20°   | 217.1  | 22.0      |
| 20°-30°   | 258.0  | 26.2      |
| 30°-40°   | 224.1  | 22.8      |
| 40°-50°   | 112.4  | 11.4      |
| 50°-60°   | 39.0   | 4.0       |
| 60°-70°   | 27.3   | 2.8       |
| 70°-80°   | 15.3   | 1.6       |
| 80°-90°   | 4.6    | 0.5       |
| 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°    | 562.2  | 57.1      |
| 0°-40°    | 786.3  | 79.8      |
| 0°-60°    | 937.7  | 95.2      |
| 0°-90°    | 985.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 985.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 952 |      |
| 5°  | 932 | 87   |
| 15° | 780 | 217  |
| 25° | 562 | 258  |
| 35° | 363 | 224  |
| 45° | 143 | 112  |
| 55° | 42  | 39   |
| 65° | 27  | 27   |
| 75° | 15  | 15   |
| 85° | 3   | 5    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 952.4 |
| 2.5°  | 947.9 |
| 5°    | 932.0 |
| 7.5°  | 907.0 |
| 10°   | 871.8 |
| 12.5° | 828.7 |
| 15°   | 779.9 |
| 17.5° | 725.4 |
| 20°   | 670.9 |
| 22.5° | 615.3 |
| 25°   | 561.9 |
| 27.5° | 510.8 |
| 30°   | 460.9 |
| 32.5° | 413.2 |
| 35°   | 363.3 |
| 37.5° | 309.9 |
| 40°   | 253.1 |
| 42.5° | 197.5 |
| 45°   | 143.0 |
| 47.5° | 94.2  |
| 50°   | 60.2  |
| 52.5° | 46.5  |
| 55°   | 42.0  |
| 57.5° | 38.6  |
| 60°   | 35.2  |
| 62.5° | 31.8  |
| 65°   | 27.2  |
| 67.5° | 23.8  |
| 70°   | 20.4  |
| 72.5° | 17.0  |
| 75°   | 14.8  |
| 77.5° | 11.4  |
| 80°   | 9.1   |
| 82.5° | 6.8   |
| 85°   | 3.4   |
| 87.5° | 2.3   |
| 90°   | 0.0   |

(END OF REPORT)