

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: P1263176

Luminaire Tested: P3A17R559727DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1263176  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R559727DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

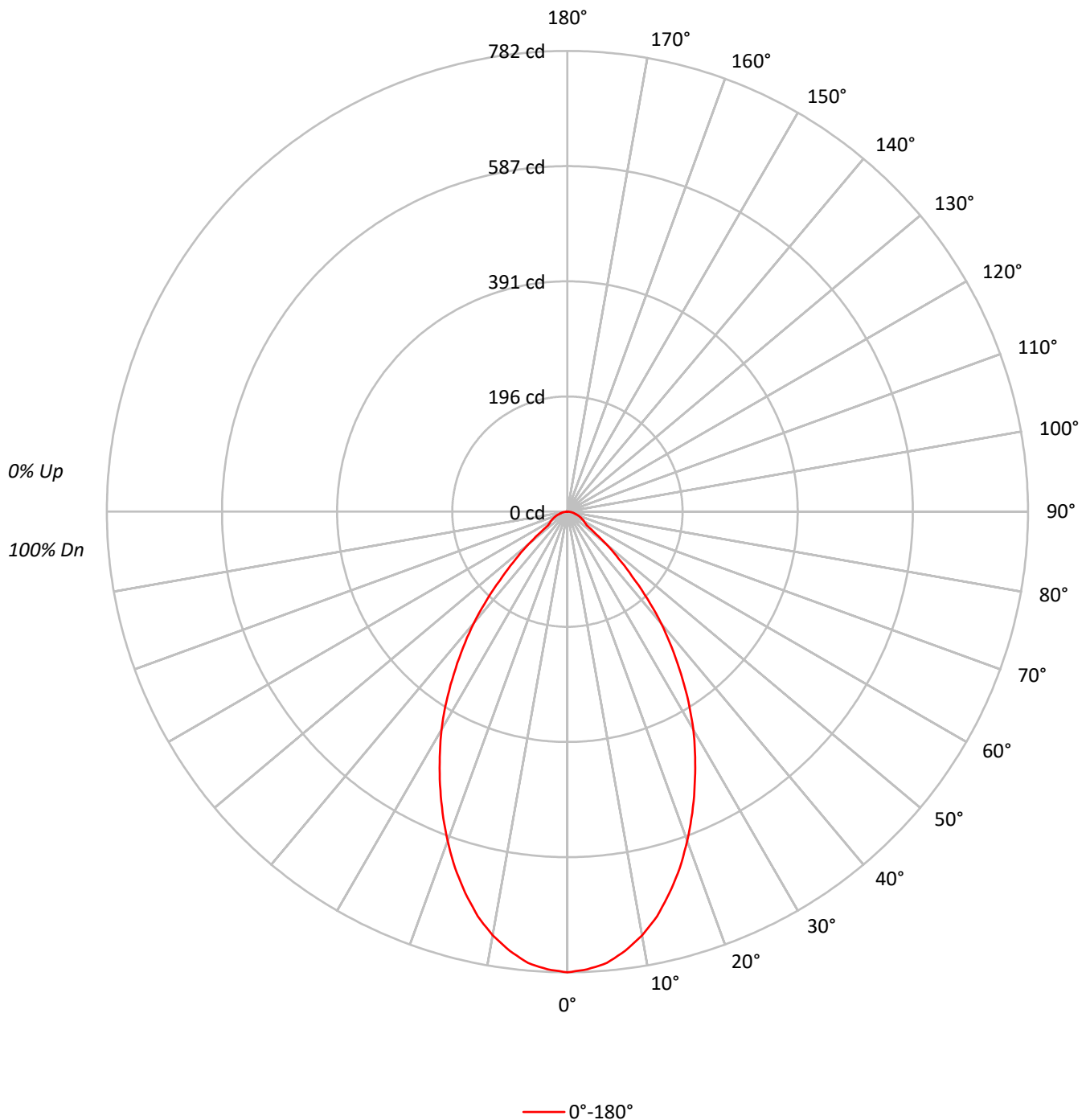
Lumens per Lamp: N/A  
Luminaire Lumens: 912.0 lumens  
Efficiency: N/A  
Efficacy: 43.0 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98  |  | 99  | 97  | 95  |  | 95  |
| 2   | 105 | 100 | 95  | 91  | 103 | 98  | 93  | 90  | 94  | 91  | 88  |  | 91  | 88  | 86  |  | 89  |
| 3   | 99  | 91  | 85  | 81  | 97  | 90  | 84  | 80  | 87  | 82  | 79  |  | 85  | 81  | 77  |  | 82  |
| 4   | 93  | 84  | 77  | 72  | 91  | 83  | 77  | 72  | 80  | 75  | 71  |  | 78  | 74  | 70  |  | 76  |
| 5   | 87  | 77  | 71  | 66  | 85  | 76  | 70  | 65  | 75  | 69  | 65  |  | 73  | 68  | 64  |  | 71  |
| 6   | 82  | 72  | 65  | 60  | 80  | 71  | 64  | 60  | 69  | 64  | 59  |  | 68  | 63  | 59  |  | 66  |
| 7   | 77  | 67  | 60  | 55  | 76  | 66  | 59  | 55  | 65  | 59  | 54  |  | 63  | 58  | 54  |  | 62  |
| 8   | 73  | 62  | 55  | 51  | 72  | 62  | 55  | 51  | 60  | 55  | 50  |  | 59  | 54  | 50  |  | 58  |
| 9   | 69  | 58  | 51  | 47  | 68  | 58  | 51  | 47  | 57  | 51  | 47  |  | 56  | 50  | 46  |  | 55  |
| 10  | 65  | 55  | 48  | 44  | 64  | 54  | 48  | 44  | 53  | 47  | 43  |  | 52  | 47  | 43  |  | 52  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 171477 |
| 5°  | 169293 |
| 10° | 162611 |
| 15° | 152101 |
| 20° | 138752 |
| 25° | 123781 |
| 30° | 108270 |
| 35° | 89971  |
| 40° | 70904  |
| 45° | 48098  |
| 50° | 29406  |
| 55° | 15254  |
| 60° | 14166  |
| 65° | 13439  |
| 70° | 12438  |
| 75° | 10929  |
| 80° | 10860  |
| 85° | 8051   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48098 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 72.1   | 7.9       |
| 10°-20°   | 187.3  | 20.5      |
| 20°-30°   | 234.5  | 25.7      |
| 30°-40°   | 209.3  | 23.0      |
| 40°-50°   | 122.6  | 13.4      |
| 50°-60°   | 42.3   | 4.6       |
| 60°-70°   | 25.6   | 2.8       |
| 70°-80°   | 14.2   | 1.6       |
| 80°-90°   | 4.1    | 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°    | 493.9  | 54.2      |
| 0°-40°    | 703.2  | 77.1      |
| 0°-60°    | 868.1  | 95.2      |
| 0°-90°    | 912.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 912.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 782 |      |
| 5°  | 769 | 72   |
| 15° | 670 | 187  |
| 25° | 512 | 234  |
| 35° | 336 | 209  |
| 45° | 155 | 123  |
| 55° | 40  | 42   |
| 65° | 26  | 26   |
| 75° | 13  | 14   |
| 85° | 3   | 4    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 782.0 |
| 2.5°  | 777.7 |
| 5°    | 769.1 |
| 7.5°  | 751.8 |
| 10°   | 730.3 |
| 12.5° | 703.4 |
| 15°   | 670.0 |
| 17.5° | 634.4 |
| 20°   | 594.6 |
| 22.5° | 553.7 |
| 25°   | 511.6 |
| 27.5° | 469.6 |
| 30°   | 427.6 |
| 32.5° | 382.4 |
| 35°   | 336.1 |
| 37.5° | 290.8 |
| 40°   | 247.7 |
| 42.5° | 201.4 |
| 45°   | 155.1 |
| 47.5° | 118.5 |
| 50°   | 86.2  |
| 52.5° | 56.0  |
| 55°   | 39.9  |
| 57.5° | 35.5  |
| 60°   | 32.3  |
| 62.5° | 29.1  |
| 65°   | 25.9  |
| 67.5° | 22.6  |
| 70°   | 19.4  |
| 72.5° | 16.2  |
| 75°   | 12.9  |
| 77.5° | 10.8  |
| 80°   | 8.6   |
| 82.5° | 5.4   |
| 85°   | 3.2   |
| 87.5° | 2.2   |
| 90°   | 0.0   |

(END OF REPORT)