

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: P1271935

Luminaire Tested: P3AS13R259827DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1271935  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259827DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

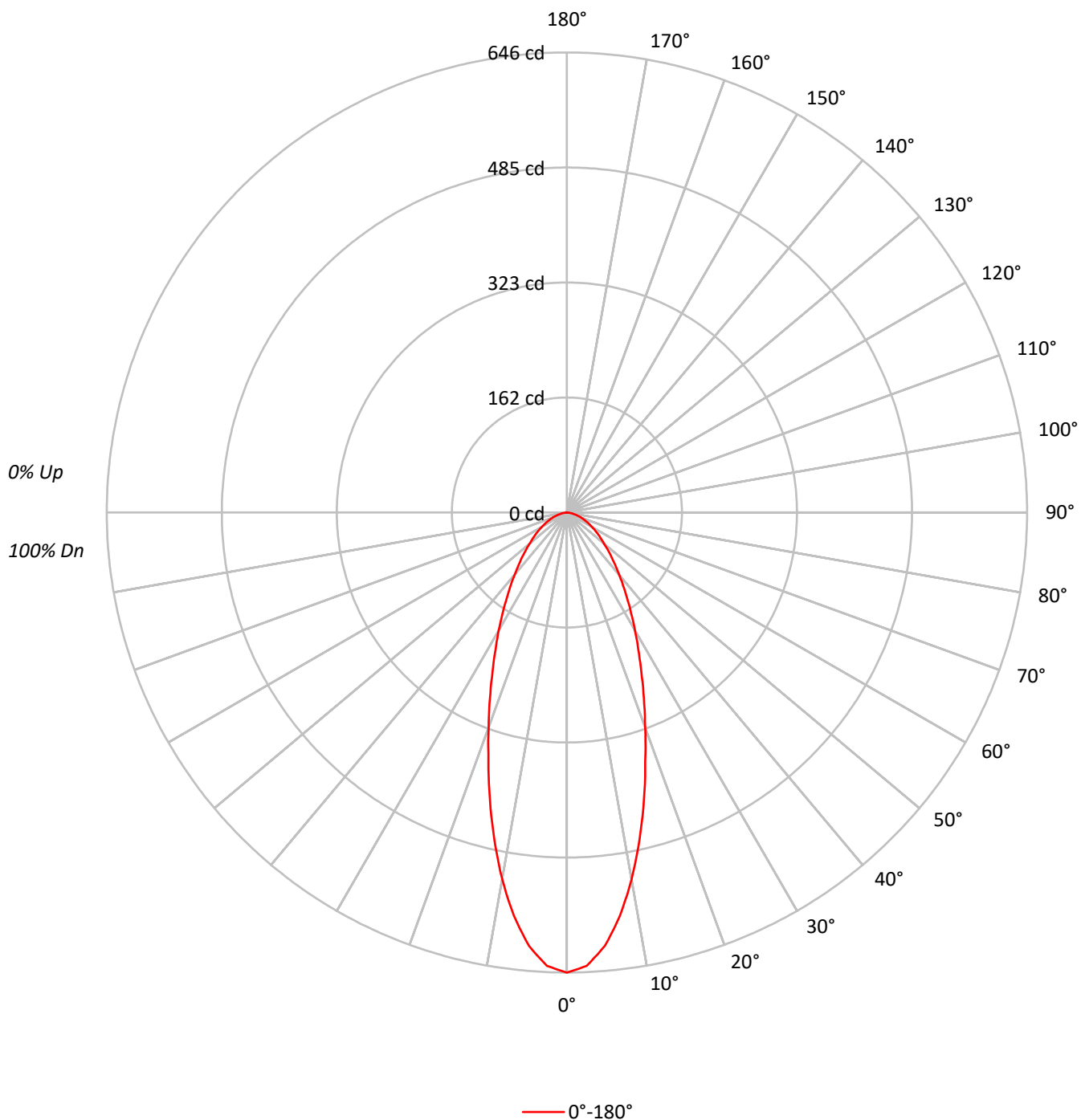
Lumens per Lamp: N/A  
Luminaire Lumens: 543.0 lumens  
Efficiency: N/A  
Efficacy: 37.5 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.5  
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 | 108 | 105 | 102 | 109 | 106 | 103 | 100 | 102 | 99  | 97  |  | 98  | 96  | 94  |  | 94  |
| 2   | 104 | 98  | 93  | 89  | 102 | 96  | 92  | 88  | 93  | 89  | 86  |  | 90  | 87  | 84  |  | 87  |
| 3   | 97  | 89  | 83  | 78  | 95  | 88  | 82  | 77  | 85  | 80  | 76  |  | 83  | 78  | 75  |  | 80  |
| 4   | 91  | 82  | 75  | 70  | 89  | 81  | 74  | 69  | 78  | 73  | 69  |  | 76  | 72  | 68  |  | 74  |
| 5   | 86  | 76  | 68  | 63  | 84  | 75  | 68  | 63  | 73  | 67  | 62  |  | 71  | 66  | 62  |  | 69  |
| 6   | 81  | 70  | 63  | 58  | 79  | 69  | 62  | 57  | 68  | 62  | 57  |  | 66  | 61  | 57  |  | 65  |
| 7   | 76  | 65  | 58  | 53  | 75  | 64  | 58  | 53  | 63  | 57  | 53  |  | 62  | 56  | 52  |  | 61  |
| 8   | 72  | 61  | 54  | 49  | 71  | 60  | 54  | 49  | 59  | 53  | 49  |  | 58  | 53  | 49  |  | 57  |
| 9   | 68  | 57  | 50  | 46  | 67  | 57  | 50  | 46  | 56  | 50  | 46  |  | 55  | 49  | 45  |  | 54  |
| 10  | 65  | 54  | 47  | 43  | 64  | 53  | 47  | 43  | 52  | 47  | 43  |  | 52  | 46  | 43  |  | 51  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 141677 |
| 5°  | 134492 |
| 10° | 116475 |
| 15° | 94825  |
| 20° | 74930  |
| 25° | 59737  |
| 30° | 48438  |
| 35° | 39458  |
| 40° | 32690  |
| 45° | 27538  |
| 50° | 23300  |
| 55° | 20530  |
| 60° | 17981  |
| 65° | 15722  |
| 70° | 13784  |
| 75° | 11607  |
| 80° | 8587   |
| 85° | 5032   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27538 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.5   | 10.2      |
| 10°-20°   | 115.8  | 21.3      |
| 20°-30°   | 114.2  | 21.0      |
| 30°-40°   | 93.0   | 17.1      |
| 40°-50°   | 69.0   | 12.7      |
| 50°-60°   | 48.1   | 8.9       |
| 60°-70°   | 30.2   | 5.6       |
| 70°-80°   | 14.6   | 2.7       |
| 80°-90°   | 2.8    | 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°    | 285.5  | 52.6      |
| 0°-40°    | 378.4  | 69.7      |
| 0°-60°    | 495.5  | 91.2      |
| 0°-90°    | 543.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 543.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 646 |      |
| 5°  | 611 | 55   |
| 15° | 418 | 116  |
| 25° | 247 | 114  |
| 35° | 147 | 93   |
| 45° | 89  | 69   |
| 55° | 54  | 48   |
| 65° | 30  | 30   |
| 75° | 14  | 15   |
| 85° | 2   | 3    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 646.1 |
| 2.5°  | 637.3 |
| 5°    | 611.0 |
| 7.5°  | 571.0 |
| 10°   | 523.1 |
| 12.5° | 470.4 |
| 15°   | 417.7 |
| 17.5° | 366.0 |
| 20°   | 321.1 |
| 22.5° | 282.1 |
| 25°   | 246.9 |
| 27.5° | 216.7 |
| 30°   | 191.3 |
| 32.5° | 167.9 |
| 35°   | 147.4 |
| 37.5° | 129.8 |
| 40°   | 114.2 |
| 42.5° | 100.5 |
| 45°   | 88.8  |
| 47.5° | 78.1  |
| 50°   | 68.3  |
| 52.5° | 60.5  |
| 55°   | 53.7  |
| 57.5° | 46.8  |
| 60°   | 41.0  |
| 62.5° | 35.1  |
| 65°   | 30.3  |
| 67.5° | 25.4  |
| 70°   | 21.5  |
| 72.5° | 17.6  |
| 75°   | 13.7  |
| 77.5° | 9.8   |
| 80°   | 6.8   |
| 82.5° | 3.9   |
| 85°   | 2.0   |
| 87.5° | 1.0   |
| 90°   | 0.0   |

(END OF REPORT)