

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: P1268133

Luminaire Tested: P3A20R259735D010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268133  
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: P3A20R259735D010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

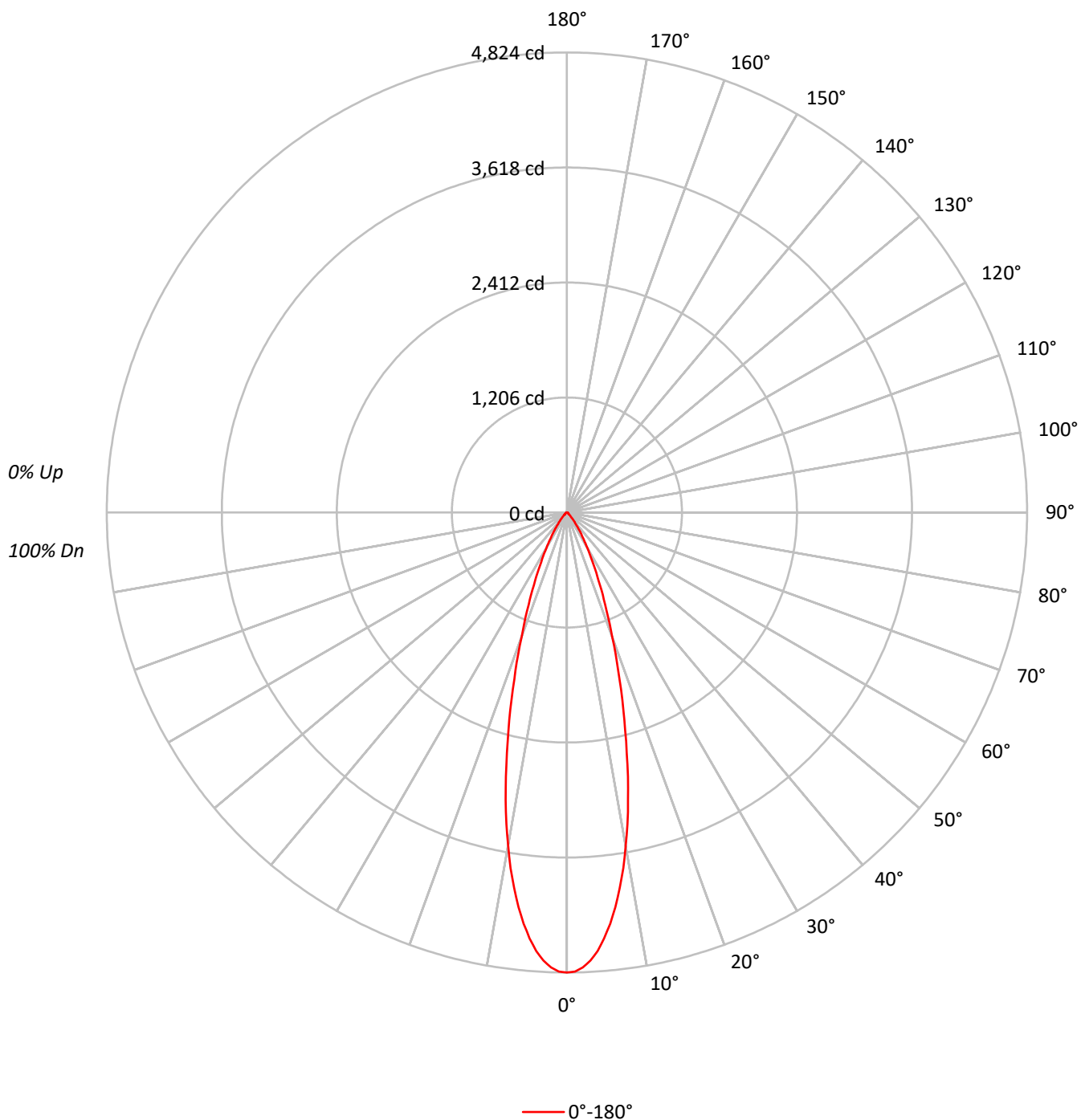
Lumens per Lamp: N/A  
Luminaire Lumens: 1649.0 lumens  
Efficiency: N/A  
Efficacy: 57.3 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
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   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  |  | 94  | 91  | 89  |  | 91  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  |  | 90  | 87  | 84  |  | 88  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  |  | 86  | 83  | 80  |  | 85  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  |  | 83  | 79  | 77  |  | 82  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  |  | 80  | 76  | 73  |  | 79  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  |  | 74  | 70  | 68  |  | 73  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  |  | 72  | 68  | 65  |  | 71  |

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

|     |         |
|-----|---------|
|     | 0°      |
| 0°  | 1057766 |
| 5°  | 986878  |
| 10° | 790567  |
| 15° | 536621  |
| 20° | 324712  |
| 25° | 189882  |
| 30° | 108143  |
| 35° | 59481   |
| 40° | 31573   |
| 45° | 16622   |
| 50° | 9688    |
| 55° | 7226    |
| 60° | 6228    |
| 65° | 6538    |
| 70° | 6091    |
| 75° | 5338    |
| 80° | 4041    |
| 85° | 4026    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16622 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 397.9  | 24.1      |
| 10°-20°   | 649.9  | 39.4      |
| 20°-30°   | 371.4  | 22.5      |
| 30°-40°   | 146.5  | 8.9       |
| 40°-50°   | 44.9   | 2.7       |
| 50°-60°   | 17.7   | 1.1       |
| 60°-70°   | 11.9   | 0.7       |
| 70°-80°   | 6.7    | 0.4       |
| 80°-90°   | 2.2    | 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°    | 1419.1 | 86.1      |
| 0°-40°    | 1565.6 | 94.9      |
| 0°-60°    | 1628.3 | 98.7      |
| 0°-90°    | 1649.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1649.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 4824 |      |
| 5°  | 4483 | 398  |
| 15° | 2364 | 650  |
| 25° | 785  | 371  |
| 35° | 222  | 147  |
| 45° | 54   | 45   |
| 55° | 19   | 18   |
| 65° | 13   | 12   |
| 75° | 6    | 7    |
| 85° | 2    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 4823.8 |
| 1°    | 4814.4 |
| 2°    | 4775.0 |
| 3°    | 4705.6 |
| 4°    | 4609.5 |
| 5°    | 4483.4 |
| 6°    | 4335.3 |
| 7°    | 4168.3 |
| 8°    | 3974.4 |
| 9°    | 3775.9 |
| 10°   | 3550.5 |
| 11°   | 3328.3 |
| 12°   | 3084.0 |
| 13°   | 2842.9 |
| 14°   | 2595.5 |
| 15°   | 2363.8 |
| 17.5° | 1832.8 |
| 20°   | 1391.5 |
| 22.5° | 1044.8 |
| 25°   | 784.8  |
| 27.5° | 581.5  |
| 30°   | 427.1  |
| 32.5° | 308.9  |
| 35°   | 222.2  |
| 37.5° | 157.6  |
| 40°   | 110.3  |
| 42.5° | 75.6   |
| 45°   | 53.6   |
| 47.5° | 37.8   |
| 50°   | 28.4   |
| 52.5° | 22.1   |
| 55°   | 18.9   |
| 57.5° | 17.3   |
| 60°   | 14.2   |
| 62.5° | 12.6   |
| 65°   | 12.6   |
| 67.5° | 11.0   |
| 70°   | 9.5    |
| 72.5° | 7.9    |
| 75°   | 6.3    |
| 77.5° | 4.7    |
| 80°   | 3.2    |
| 82.5° | 3.2    |
| 85°   | 1.6    |
| 87.5° | 1.6    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)