

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: P1270514

Luminaire Tested: P3A20R259740D010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1270514  
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: P3A20R259740D010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

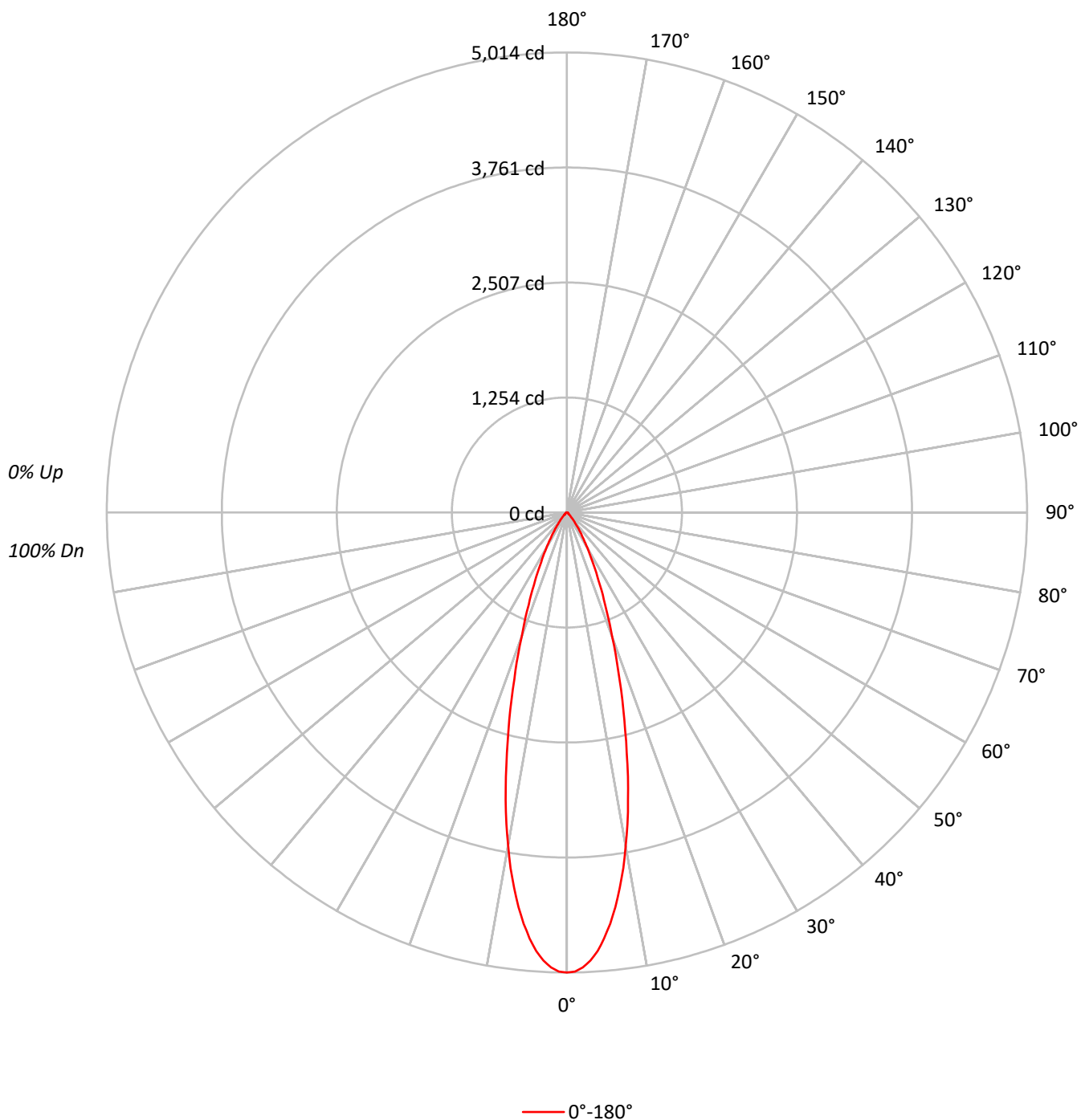
Lumens per Lamp: N/A  
Luminaire Lumens: 1714.0 lumens  
Efficiency: N/A  
Efficacy: 59.5 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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°  | 1099473 |
| 5°  | 1025795 |
| 10° | 821739  |
| 15° | 557778  |
| 20° | 337523  |
| 25° | 197358  |
| 30° | 112397  |
| 35° | 61837   |
| 40° | 32833   |
| 45° | 17273   |
| 50° | 10064   |
| 55° | 7531    |
| 60° | 6447    |
| 65° | 6797    |
| 70° | 6283    |
| 75° | 5592    |
| 80° | 4167    |
| 85° | 4026    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17273 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 413.5  | 24.1      |
| 10°-20°   | 675.5  | 39.4      |
| 20°-30°   | 386.0  | 22.5      |
| 30°-40°   | 152.3  | 8.9       |
| 40°-50°   | 46.7   | 2.7       |
| 50°-60°   | 18.4   | 1.1       |
| 60°-70°   | 12.4   | 0.7       |
| 70°-80°   | 6.9    | 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°    | 1475.0 | 86.1      |
| 0°-40°    | 1627.4 | 94.9      |
| 0°-60°    | 1692.5 | 98.7      |
| 0°-90°    | 1714.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1714.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 5014 |      |
| 5°  | 4660 | 414  |
| 15° | 2457 | 676  |
| 25° | 816  | 386  |
| 35° | 231  | 152  |
| 45° | 56   | 47   |
| 55° | 20   | 18   |
| 65° | 13   | 12   |
| 75° | 7    | 7    |
| 85° | 2    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

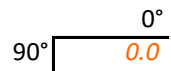
| 0°    |        |
|-------|--------|
| 0°    | 5014.0 |
| 1°    | 5004.1 |
| 2°    | 4963.2 |
| 3°    | 4891.1 |
| 4°    | 4791.2 |
| 5°    | 4660.2 |
| 6°    | 4506.2 |
| 7°    | 4332.6 |
| 8°    | 4131.1 |
| 9°    | 3924.7 |
| 10°   | 3690.5 |
| 11°   | 3459.5 |
| 12°   | 3205.6 |
| 13°   | 2955.0 |
| 14°   | 2697.8 |
| 15°   | 2457.0 |
| 17.5° | 1905.0 |
| 20°   | 1446.4 |
| 22.5° | 1086.0 |
| 25°   | 815.7  |
| 27.5° | 604.4  |
| 30°   | 443.9  |
| 32.5° | 321.1  |
| 35°   | 231.0  |
| 37.5° | 163.8  |
| 40°   | 114.7  |
| 42.5° | 78.6   |
| 45°   | 55.7   |
| 47.5° | 39.3   |
| 50°   | 29.5   |
| 52.5° | 22.9   |
| 55°   | 19.7   |
| 57.5° | 18.0   |
| 60°   | 14.7   |
| 62.5° | 13.1   |
| 65°   | 13.1   |
| 67.5° | 11.5   |
| 70°   | 9.8    |
| 72.5° | 8.2    |
| 75°   | 6.6    |
| 77.5° | 4.9    |
| 80°   | 3.3    |
| 82.5° | 3.3    |
| 85°   | 1.6    |
| 87.5° | 1.6    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)