

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: P1268975

Luminaire Tested: P3AS05R209740DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268975  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R209740DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

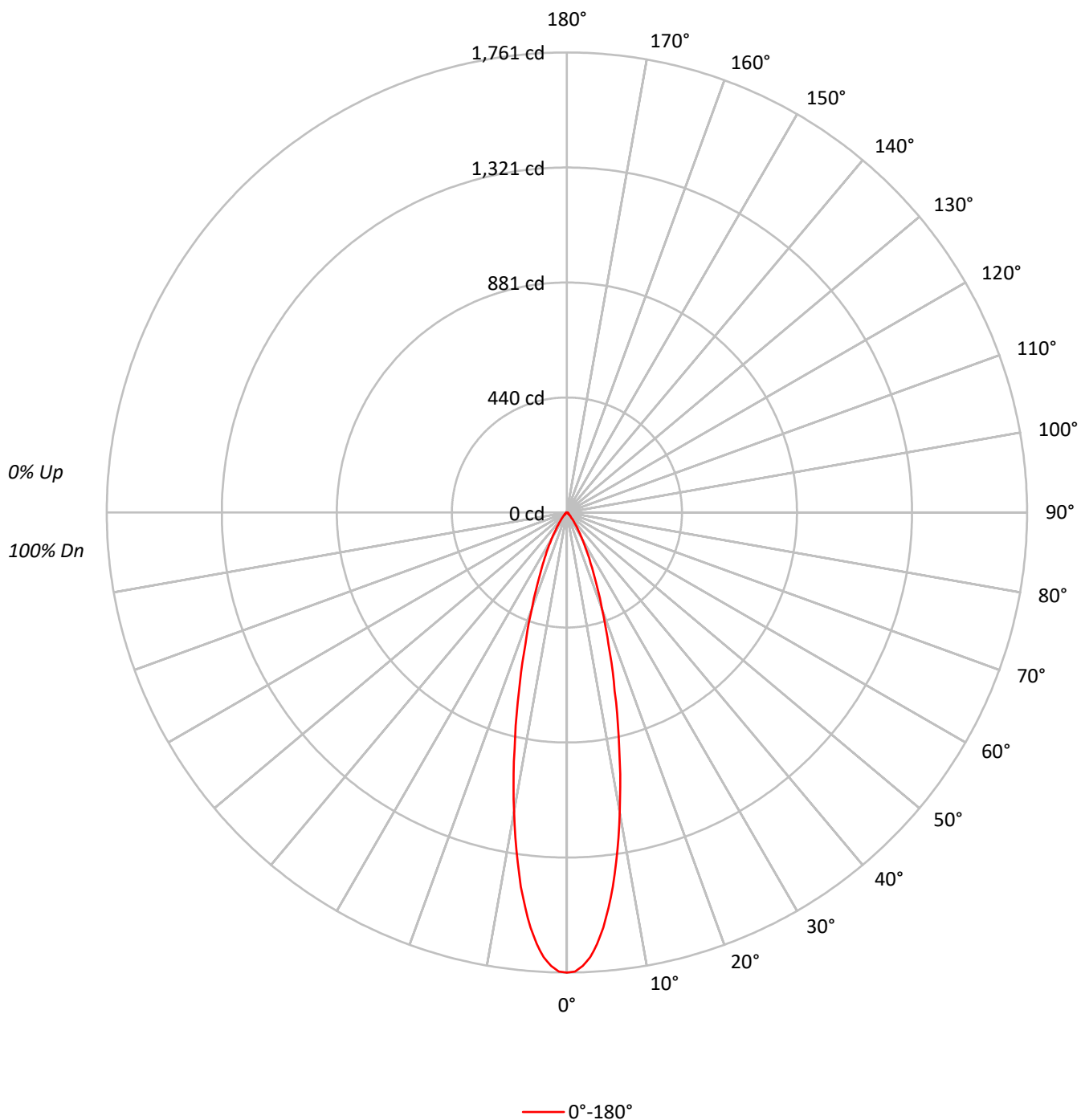
Lumens per Lamp: N/A  
Luminaire Lumens: 502.0 lumens  
Efficiency: N/A  
Efficacy: 69.7 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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  |     |     |  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 100 |
| 1   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 95  |
| 2   | 110 | 106 | 102 | 100 | 108 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 91  |
| 3   | 106 | 100 | 96  | 93  | 104 | 99  | 95  | 92  | 97  | 93  | 91  |  | 94  | 92  | 89  |  | 87  |
| 4   | 102 | 96  | 91  | 88  | 100 | 95  | 90  | 87  | 92  | 89  | 86  |  | 91  | 88  | 85  |  | 83  |
| 5   | 98  | 91  | 87  | 83  | 97  | 90  | 86  | 83  | 89  | 85  | 82  |  | 87  | 84  | 81  |  | 79  |
| 6   | 95  | 87  | 83  | 79  | 93  | 87  | 82  | 79  | 85  | 81  | 78  |  | 84  | 81  | 78  |  | 76  |
| 7   | 91  | 84  | 79  | 76  | 90  | 83  | 79  | 76  | 82  | 78  | 75  |  | 81  | 78  | 75  |  | 73  |
| 8   | 88  | 81  | 76  | 73  | 87  | 80  | 76  | 73  | 79  | 75  | 72  |  | 78  | 75  | 72  |  | 71  |
| 9   | 85  | 78  | 73  | 70  | 85  | 77  | 73  | 70  | 77  | 73  | 70  |  | 76  | 72  | 69  |  | 68  |
| 10  | 83  | 75  | 71  | 68  | 82  | 75  | 70  | 67  | 74  | 70  | 67  |  | 73  | 70  | 67  |  | 66  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 386241 |
| 5°  | 351089 |
| 10° | 259470 |
| 15° | 160523 |
| 20° | 91661  |
| 25° | 52334  |
| 30° | 29346  |
| 35° | 15954  |
| 40° | 8759   |
| 45° | 4807   |
| 50° | 2797   |
| 55° | 2026   |
| 60° | 1930   |
| 65° | 1764   |
| 70° | 1539   |
| 75° | 1610   |
| 80° | 1263   |
| 85° | 1258   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4807 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 138.1  | 27.5      |
| 10°-20°   | 197.2  | 39.3      |
| 20°-30°   | 102.9  | 20.5      |
| 30°-40°   | 39.8   | 7.9       |
| 40°-50°   | 12.9   | 2.6       |
| 50°-60°   | 5.1    | 1.0       |
| 60°-70°   | 3.4    | 0.7       |
| 70°-80°   | 2.0    | 0.4       |
| 80°-90°   | 0.7    | 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°    | 438.2  | 87.3      |
| 0°-40°    | 478.0  | 95.2      |
| 0°-60°    | 496.0  | 98.8      |
| 0°-90°    | 502.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 502.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1761 |      |
| 5°  | 1595 | 138  |
| 15° | 707  | 197  |
| 25° | 216  | 103  |
| 35° | 60   | 40   |
| 45° | 16   | 13   |
| 55° | 5    | 5    |
| 65° | 3    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1761.4 |
| 1°    | 1758.0 |
| 2°    | 1737.1 |
| 3°    | 1705.1 |
| 4°    | 1655.6 |
| 5°    | 1595.0 |
| 6°    | 1523.2 |
| 7°    | 1443.7 |
| 8°    | 1351.6 |
| 9°    | 1261.9 |
| 10°   | 1165.3 |
| 12.5° | 926.3  |
| 15°   | 707.1  |
| 17.5° | 529.1  |
| 20°   | 392.8  |
| 22.5° | 291.0  |
| 25°   | 216.3  |
| 27.5° | 159.6  |
| 30°   | 115.9  |
| 32.5° | 83.9   |
| 35°   | 59.6   |
| 37.5° | 43.2   |
| 40°   | 30.6   |
| 42.5° | 21.8   |
| 45°   | 15.5   |
| 47.5° | 11.2   |
| 50°   | 8.2    |
| 52.5° | 6.3    |
| 55°   | 5.3    |
| 57.5° | 4.8    |
| 60°   | 4.4    |
| 62.5° | 3.9    |
| 65°   | 3.4    |
| 67.5° | 2.9    |
| 70°   | 2.4    |
| 72.5° | 2.4    |
| 75°   | 1.9    |
| 77.5° | 1.5    |
| 80°   | 1.0    |
| 82.5° | 1.0    |
| 85°   | 0.5    |
| 87.5° | 0.5    |
| 90°   | 0.0    |

(END OF REPORT)