

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: P1275498

Luminaire Tested: P3AS05R459835DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1275498  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R459835DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

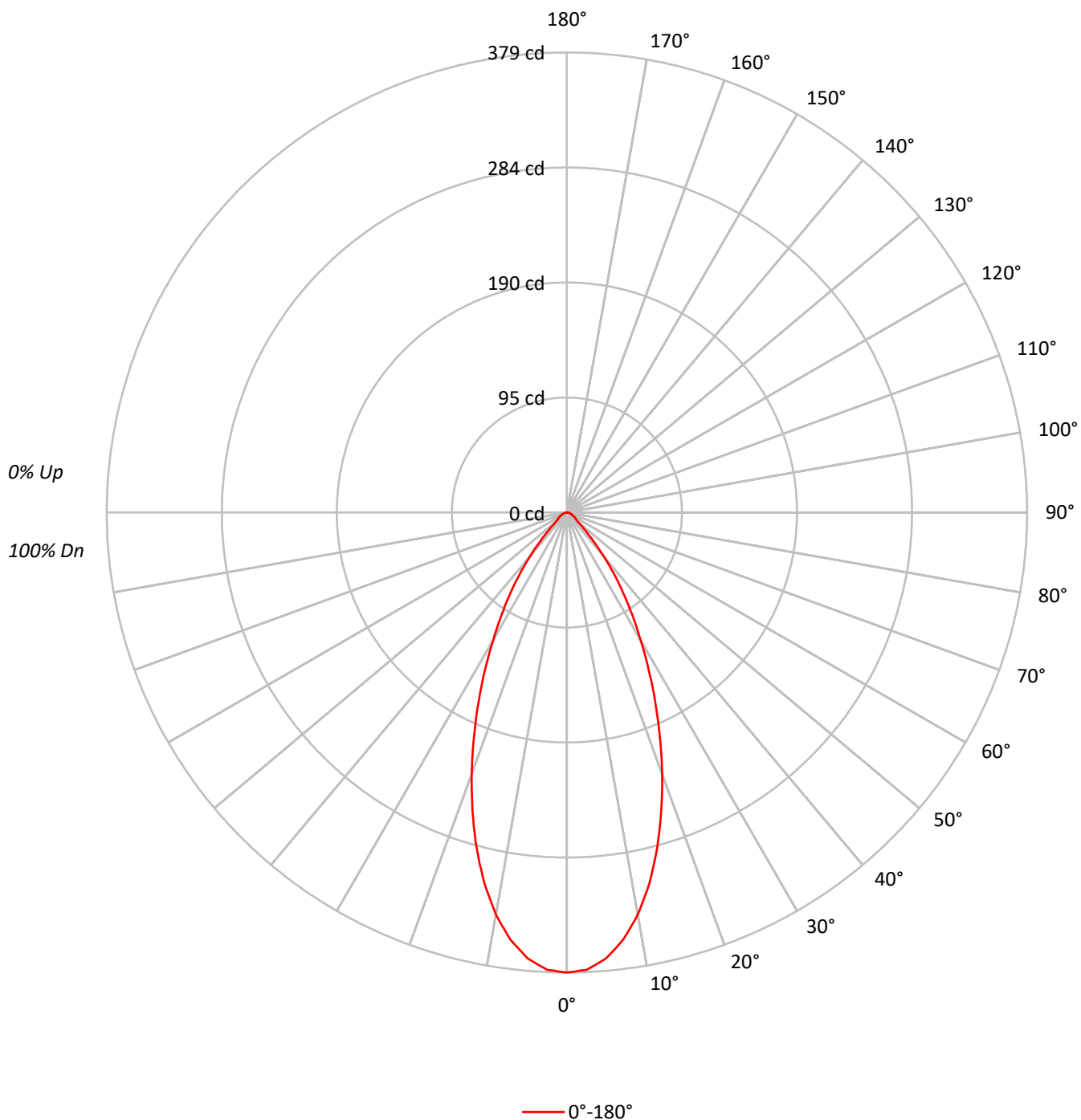
Lumens per Lamp: N/A  
Luminaire Lumens: 279.0 lumens  
Efficiency: N/A  
Efficacy: 38.8 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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  |     |     |  | 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   | 113 | 110 | 107 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 96  | 93  | 97  | 94  | 91  |  | 94  | 91  | 89  |  | 91  |
| 3   | 102 | 95  | 90  | 85  | 100 | 93  | 89  | 85  | 91  | 87  | 83  |  | 88  | 85  | 82  |  | 86  |
| 4   | 96  | 88  | 83  | 78  | 94  | 87  | 82  | 78  | 85  | 81  | 77  |  | 83  | 79  | 76  |  | 81  |
| 5   | 91  | 83  | 77  | 72  | 90  | 82  | 76  | 72  | 80  | 75  | 71  |  | 78  | 74  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 67  | 85  | 77  | 71  | 67  | 75  | 70  | 66  |  | 74  | 69  | 66  |  | 73  |
| 7   | 83  | 73  | 67  | 63  | 81  | 72  | 67  | 62  | 71  | 66  | 62  |  | 70  | 65  | 62  |  | 69  |
| 8   | 79  | 69  | 63  | 59  | 77  | 68  | 63  | 59  | 67  | 62  | 58  |  | 66  | 62  | 58  |  | 65  |
| 9   | 75  | 65  | 59  | 55  | 74  | 65  | 59  | 55  | 64  | 59  | 55  |  | 63  | 58  | 55  |  | 62  |
| 10  | 72  | 62  | 56  | 52  | 71  | 61  | 56  | 52  | 61  | 55  | 52  |  | 60  | 55  | 52  |  | 59  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 83107 |
| 5°  | 81202 |
| 10° | 74904 |
| 15° | 65131 |
| 20° | 53508 |
| 25° | 41640 |
| 30° | 30739 |
| 35° | 21630 |
| 40° | 13511 |
| 45° | 7319  |
| 50° | 3957  |
| 55° | 3403  |
| 60° | 3070  |
| 65° | 2594  |
| 70° | 2244  |
| 75° | 2288  |
| 80° | 1894  |
| 85° | 2013  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7319 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 34.2   | 12.2      |
| 10°-20°   | 79.3   | 28.4      |
| 20°-30°   | 78.7   | 28.2      |
| 30°-40°   | 50.7   | 18.2      |
| 40°-50°   | 19.5   | 7.0       |
| 50°-60°   | 7.9    | 2.8       |
| 60°-70°   | 5.0    | 1.8       |
| 70°-80°   | 2.7    | 1.0       |
| 80°-90°   | 0.9    | 0.3       |
| 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°    | 192.2  | 68.9      |
| 0°-40°    | 242.9  | 87.1      |
| 0°-60°    | 270.4  | 96.9      |
| 0°-90°    | 279.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 279.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 379 |      |
| 5°  | 369 | 34   |
| 15° | 287 | 79   |
| 25° | 172 | 79   |
| 35° | 81  | 51   |
| 45° | 24  | 20   |
| 55° | 9   | 8    |
| 65° | 5   | 5    |
| 75° | 3   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 379.0 |
| 2.5°  | 377.0 |
| 5°    | 368.9 |
| 7.5°  | 355.0 |
| 10°   | 336.4 |
| 12.5° | 313.2 |
| 15°   | 286.9 |
| 17.5° | 258.3 |
| 20°   | 229.3 |
| 22.5° | 199.9 |
| 25°   | 172.1 |
| 27.5° | 145.8 |
| 30°   | 121.4 |
| 32.5° | 100.2 |
| 35°   | 80.8  |
| 37.5° | 63.4  |
| 40°   | 47.2  |
| 42.5° | 34.0  |
| 45°   | 23.6  |
| 47.5° | 15.9  |
| 50°   | 11.6  |
| 52.5° | 9.7   |
| 55°   | 8.9   |
| 57.5° | 7.7   |
| 60°   | 7.0   |
| 62.5° | 5.8   |
| 65°   | 5.0   |
| 67.5° | 4.3   |
| 70°   | 3.5   |
| 72.5° | 3.1   |
| 75°   | 2.7   |
| 77.5° | 1.9   |
| 80°   | 1.5   |
| 82.5° | 1.2   |
| 85°   | 0.8   |
| 87.5° | 0.4   |
| 90°   | 0.0   |

(END OF REPORT)