

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: P1270837

Luminaire Tested: P3AS02R159827DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1270837  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R159827DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

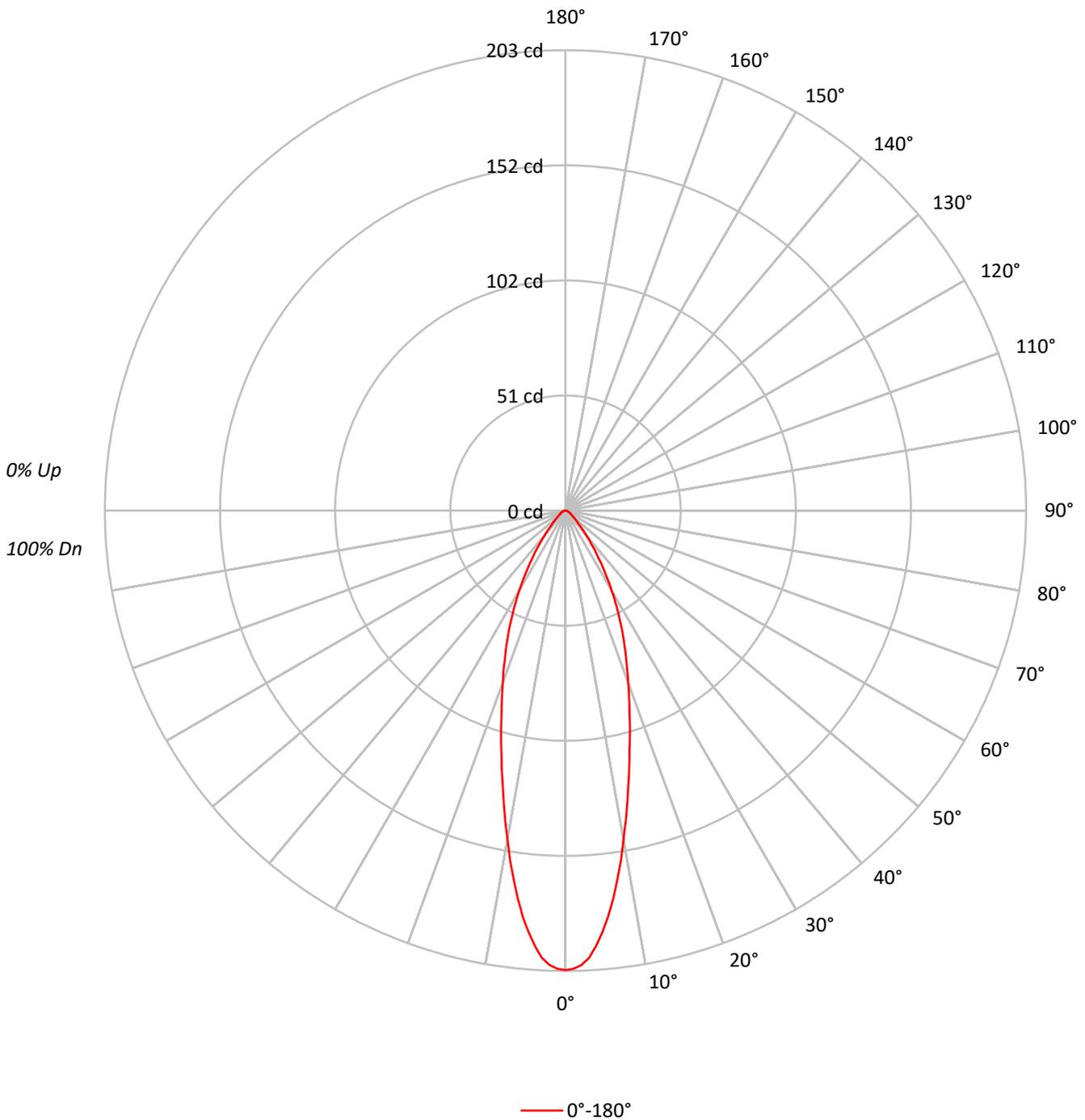
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 103.0 lumens  
Efficiency: N/A  
Efficacy: 28.6 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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  |     |     | 0   |     |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 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 | 102 | 102 | 102 | 100 | 100 | 100 | 100 |
| 1   | 113 | 110 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 102 | 101 | 100 | 99  | 98  | 97  | 96  | 95  | 93  | 93  | 93  | 93  |
| 2   | 108 | 103 | 98  | 95  | 105 | 101 | 97  | 94  | 98  | 95  | 92  | 95  | 92  | 90  | 92  | 90  | 88  | 86  | 86  | 86  | 86  |
| 3   | 102 | 96  | 91  | 87  | 100 | 94  | 90  | 86  | 92  | 88  | 85  | 89  | 86  | 83  | 87  | 84  | 82  | 80  | 80  | 80  | 80  |
| 4   | 97  | 90  | 84  | 80  | 95  | 88  | 83  | 79  | 86  | 82  | 78  | 84  | 81  | 78  | 82  | 79  | 77  | 75  | 75  | 75  | 75  |
| 5   | 93  | 84  | 78  | 74  | 91  | 83  | 78  | 74  | 81  | 77  | 73  | 80  | 76  | 72  | 78  | 75  | 72  | 70  | 70  | 70  | 70  |
| 6   | 88  | 79  | 73  | 69  | 87  | 79  | 73  | 69  | 77  | 72  | 69  | 76  | 71  | 68  | 74  | 71  | 68  | 66  | 66  | 66  | 66  |
| 7   | 84  | 75  | 69  | 65  | 83  | 74  | 69  | 65  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 64  | 62  | 62  | 62  | 62  |
| 8   | 80  | 71  | 65  | 61  | 79  | 71  | 65  | 61  | 69  | 64  | 61  | 68  | 64  | 61  | 68  | 63  | 60  | 59  | 59  | 59  | 59  |
| 9   | 77  | 68  | 62  | 58  | 76  | 67  | 62  | 58  | 66  | 61  | 58  | 65  | 61  | 57  | 64  | 60  | 57  | 56  | 56  | 56  | 56  |
| 10  | 74  | 64  | 59  | 55  | 73  | 64  | 59  | 55  | 63  | 58  | 55  | 62  | 58  | 55  | 62  | 57  | 54  | 53  | 53  | 53  | 53  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 44426 |
| 5°  | 41052 |
| 10° | 32776 |
| 15° | 24767 |
| 20° | 18855 |
| 25° | 14372 |
| 30° | 10280 |
| 35° | 6719  |
| 40° | 4122  |
| 45° | 2481  |
| 50° | 1672  |
| 55° | 1262  |
| 60° | 1096  |
| 65° | 934   |
| 70° | 833   |
| 75° | 847   |
| 80° | 631   |
| 85° | 503   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2481 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 16.5   | 16.0      |
| 10°-20°   | 30.5   | 29.6      |
| 20°-30°   | 27.1   | 26.3      |
| 30°-40°   | 16.0   | 15.6      |
| 40°-50°   | 6.6    | 6.4       |
| 50°-60°   | 3.1    | 3.0       |
| 60°-70°   | 1.9    | 1.8       |
| 70°-80°   | 1.0    | 1.0       |
| 80°-90°   | 0.3    | 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°    | 74.2   | 72.0      |
| 0°-40°    | 90.2   | 87.6      |
| 0°-60°    | 99.9   | 97.0      |
| 0°-90°    | 103.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 103.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 203 |      |
| 5°  | 186 | 17   |
| 15° | 109 | 30   |
| 25° | 59  | 27   |
| 35° | 25  | 16   |
| 45° | 8   | 7    |
| 55° | 3   | 3    |
| 65° | 2   | 2    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 202.6 |
| 1°    | 202.1 |
| 2°    | 200.5 |
| 3°    | 197.5 |
| 4°    | 192.5 |
| 5°    | 186.5 |
| 6°    | 180.0 |
| 7°    | 172.3 |
| 8°    | 164.2 |
| 9°    | 156.1 |
| 10°   | 147.2 |
| 12.5° | 127.0 |
| 15°   | 109.1 |
| 17.5° | 93.7  |
| 20°   | 80.8  |
| 22.5° | 69.4  |
| 25°   | 59.4  |
| 27.5° | 49.7  |
| 30°   | 40.6  |
| 32.5° | 32.4  |
| 35°   | 25.1  |
| 37.5° | 19.2  |
| 40°   | 14.4  |
| 42.5° | 10.7  |
| 45°   | 8.0   |
| 47.5° | 6.2   |
| 50°   | 4.9   |
| 52.5° | 4.0   |
| 55°   | 3.3   |
| 57.5° | 2.8   |
| 60°   | 2.5   |
| 62.5° | 2.2   |
| 65°   | 1.8   |
| 67.5° | 1.7   |
| 70°   | 1.3   |
| 72.5° | 1.2   |
| 75°   | 1.0   |
| 77.5° | 0.7   |
| 80°   | 0.5   |
| 82.5° | 0.3   |
| 85°   | 0.2   |
| 87.5° | 0.2   |
| 90°   | 0.0   |

(END OF REPORT)