

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: P1245960

Luminaire Tested: P3AS05R109024DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245960  
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: P3AS05R109024DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R10 optic, 2400K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

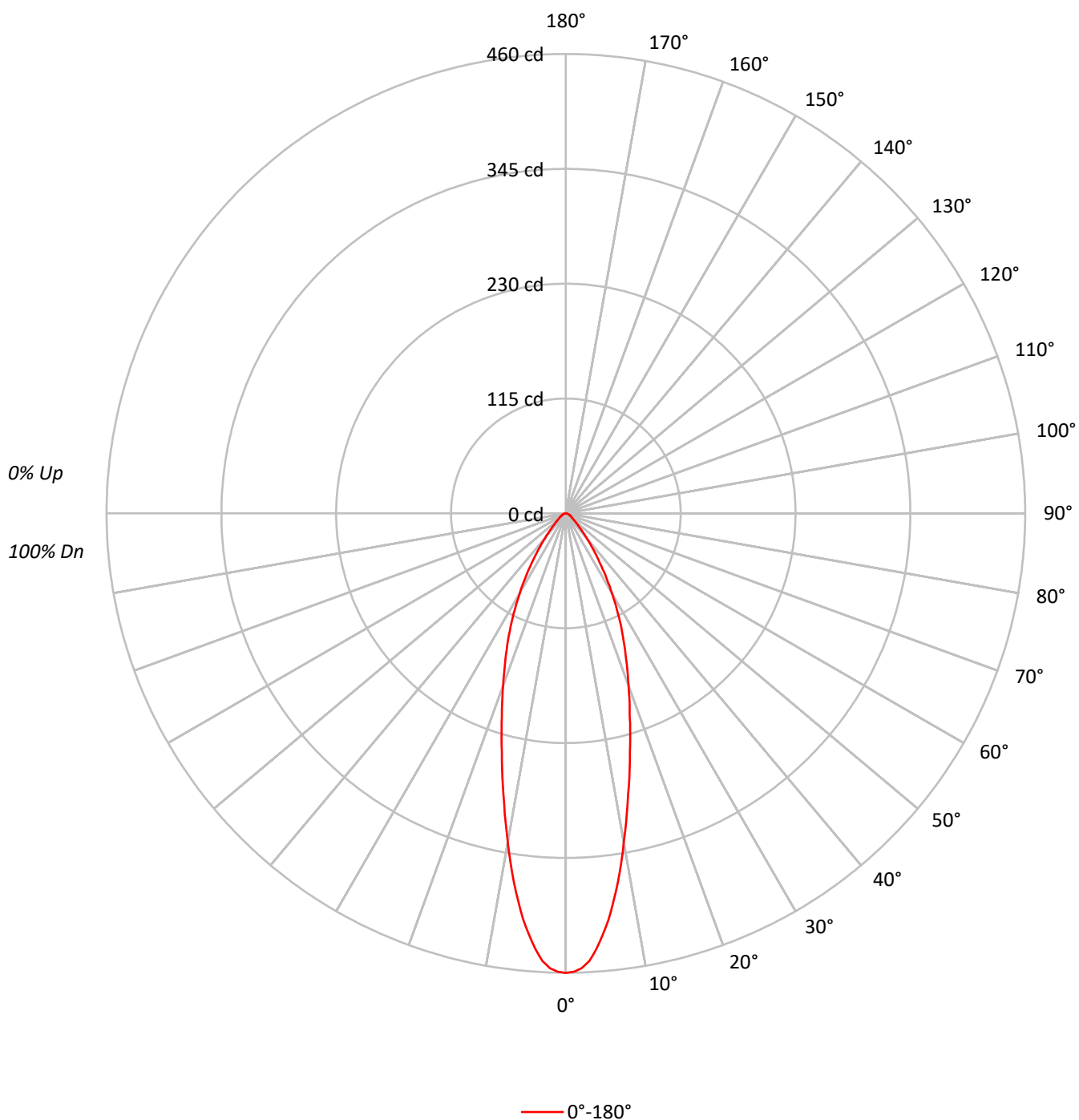
Lumens per Lamp: N/A  
Luminaire Lumens: 234.0 lumens  
Efficiency: N/A  
Efficacy: 29.6 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.9  
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 | 108 | 106 | 111 | 108 | 106 | 104 | 104 | 102 | 101 |  | 100 | 99  | 98  |  | 97  |
| 2   | 108 | 103 | 98  | 95  | 105 | 101 | 97  | 94  | 98  | 95  | 92  |  | 95  | 92  | 90  |  | 92  |
| 3   | 102 | 96  | 91  | 87  | 100 | 94  | 90  | 86  | 92  | 88  | 85  |  | 89  | 86  | 83  |  | 87  |
| 4   | 97  | 90  | 84  | 80  | 95  | 88  | 83  | 79  | 86  | 82  | 78  |  | 84  | 81  | 78  |  | 82  |
| 5   | 93  | 84  | 78  | 74  | 91  | 83  | 78  | 74  | 81  | 77  | 73  |  | 80  | 76  | 72  |  | 78  |
| 6   | 88  | 79  | 73  | 69  | 87  | 79  | 73  | 69  | 77  | 72  | 69  |  | 76  | 71  | 68  |  | 74  |
| 7   | 84  | 75  | 69  | 65  | 83  | 74  | 69  | 65  | 73  | 68  | 64  |  | 72  | 67  | 64  |  | 71  |
| 8   | 80  | 71  | 65  | 61  | 79  | 71  | 65  | 61  | 69  | 64  | 61  |  | 68  | 64  | 61  |  | 67  |
| 9   | 77  | 68  | 62  | 58  | 76  | 67  | 62  | 58  | 66  | 61  | 58  |  | 65  | 61  | 57  |  | 64  |
| 10  | 74  | 64  | 59  | 55  | 73  | 64  | 59  | 55  | 63  | 58  | 55  |  | 62  | 58  | 55  |  | 62  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 100913 |
| 5°  | 93264  |
| 10° | 74459  |
| 15° | 56255  |
| 20° | 42820  |
| 25° | 32639  |
| 30° | 23371  |
| 35° | 15258  |
| 40° | 9360   |
| 45° | 5644   |
| 50° | 3753   |
| 55° | 2906   |
| 60° | 2500   |
| 65° | 2179   |
| 70° | 1923   |
| 75° | 1949   |
| 80° | 1389   |
| 85° | 1006   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5644 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 37.5   | 16.0      |
| 10°-20°   | 69.2   | 29.6      |
| 20°-30°   | 61.7   | 26.3      |
| 30°-40°   | 36.5   | 15.6      |
| 40°-50°   | 15.0   | 6.4       |
| 50°-60°   | 7.0    | 3.0       |
| 60°-70°   | 4.3    | 1.8       |
| 70°-80°   | 2.3    | 1.0       |
| 80°-90°   | 0.6    | 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°    | 168.4  | 72.0      |
| 0°-40°    | 204.9  | 87.6      |
| 0°-60°    | 226.9  | 97.0      |
| 0°-90°    | 234.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 234.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 460 |      |
| 5°  | 424 | 38   |
| 15° | 248 | 69   |
| 25° | 135 | 62   |
| 35° | 57  | 36   |
| 45° | 18  | 15   |
| 55° | 8   | 7    |
| 65° | 4   | 4    |
| 75° | 2   | 2    |
| 85° | 0   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 460.2 |
| 1°    | 459.0 |
| 2°    | 455.6 |
| 3°    | 448.8 |
| 4°    | 437.4 |
| 5°    | 423.7 |
| 6°    | 408.9 |
| 7°    | 391.4 |
| 8°    | 373.2 |
| 9°    | 354.5 |
| 10°   | 334.4 |
| 12.5° | 288.4 |
| 15°   | 247.8 |
| 17.5° | 212.8 |
| 20°   | 183.5 |
| 22.5° | 157.7 |
| 25°   | 134.9 |
| 27.5° | 112.9 |
| 30°   | 92.3  |
| 32.5° | 73.7  |
| 35°   | 57.0  |
| 37.5° | 43.7  |
| 40°   | 32.7  |
| 42.5° | 24.3  |
| 45°   | 18.2  |
| 47.5° | 14.1  |
| 50°   | 11.0  |
| 52.5° | 9.1   |
| 55°   | 7.6   |
| 57.5° | 6.5   |
| 60°   | 5.7   |
| 62.5° | 4.9   |
| 65°   | 4.2   |
| 67.5° | 3.8   |
| 70°   | 3.0   |
| 72.5° | 2.7   |
| 75°   | 2.3   |
| 77.5° | 1.5   |
| 80°   | 1.1   |
| 82.5° | 0.8   |
| 85°   | 0.4   |
| 87.5° | 0.4   |
| 90°   | 0.0   |

(END OF REPORT)