

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: P1255806

Luminaire Tested: P3AS24R409035D010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1255806  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R409035D010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

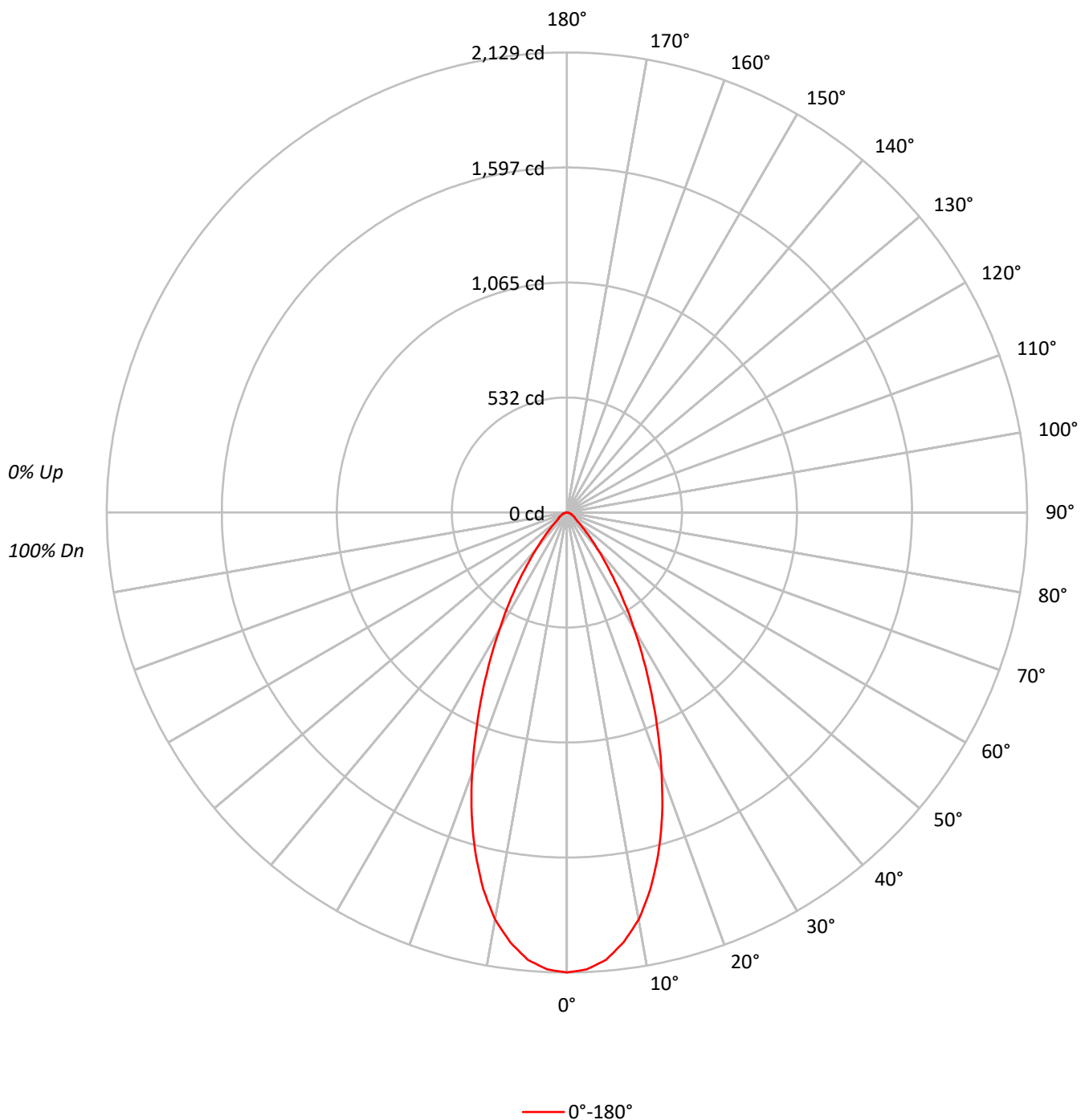
Lumens per Lamp: N/A  
Luminaire Lumens: 1498.9 lumens  
Efficiency: N/A  
Efficacy: 52.0 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  |
| 2   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 92  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 83  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 68  | 86  | 78  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 64  | 82  | 73  | 68  | 64  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 70  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 64  | 60  | 68  | 63  | 59  |  | 67  | 63  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 60  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 62  | 57  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 466761 |
| 5°  | 457296 |
| 10° | 425777 |
| 15° | 371103 |
| 20° | 299066 |
| 25° | 224166 |
| 30° | 157594 |
| 35° | 103249 |
| 40° | 62517  |
| 45° | 37337  |
| 50° | 22276  |
| 55° | 17930  |
| 60° | 16095  |
| 65° | 13750  |
| 70° | 13079  |
| 75° | 10336  |
| 80° | 10355  |
| 85° | 10315  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37337 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 192.9  | 12.9      |
| 10°-20°   | 450.2  | 30.0      |
| 20°-30°   | 424.3  | 28.3      |
| 30°-40°   | 245.3  | 16.4      |
| 40°-50°   | 97.8   | 6.5       |
| 50°-60°   | 43.3   | 2.9       |
| 60°-70°   | 26.7   | 1.8       |
| 70°-80°   | 14.0   | 0.9       |
| 80°-90°   | 4.4    | 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°    | 1067.4 | 71.2      |
| 0°-40°    | 1312.8 | 87.6      |
| 0°-60°    | 1453.8 | 97.0      |
| 0°-90°    | 1498.9 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1498.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2129 |      |
| 5°  | 2078 | 193  |
| 15° | 1635 | 450  |
| 25° | 926  | 424  |
| 35° | 386  | 245  |
| 45° | 120  | 98   |
| 55° | 47   | 43   |
| 65° | 26   | 27   |
| 75° | 12   | 14   |
| 85° | 4    | 4    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2128.6 |
| 2.5°  | 2116.3 |
| 5°    | 2077.5 |
| 7.5°  | 2006.1 |
| 10°   | 1912.2 |
| 12.5° | 1785.7 |
| 15°   | 1634.7 |
| 17.5° | 1465.3 |
| 20°   | 1281.6 |
| 22.5° | 1098.0 |
| 25°   | 926.5  |
| 27.5° | 767.3  |
| 30°   | 622.4  |
| 32.5° | 495.9  |
| 35°   | 385.7  |
| 37.5° | 291.8  |
| 40°   | 218.4  |
| 42.5° | 163.3  |
| 45°   | 120.4  |
| 47.5° | 87.8   |
| 50°   | 65.3   |
| 52.5° | 53.1   |
| 55°   | 46.9   |
| 57.5° | 42.9   |
| 60°   | 36.7   |
| 62.5° | 30.6   |
| 65°   | 26.5   |
| 67.5° | 22.4   |
| 70°   | 20.4   |
| 72.5° | 16.3   |
| 75°   | 12.2   |
| 77.5° | 10.2   |
| 80°   | 8.2    |
| 82.5° | 6.1    |
| 85°   | 4.1    |
| 87.5° | 2.0    |
| 90°   | 0.0    |

(END OF REPORT)