

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: P1253148

Luminaire Tested: P3AS24R509030D010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1253148  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R509030D010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

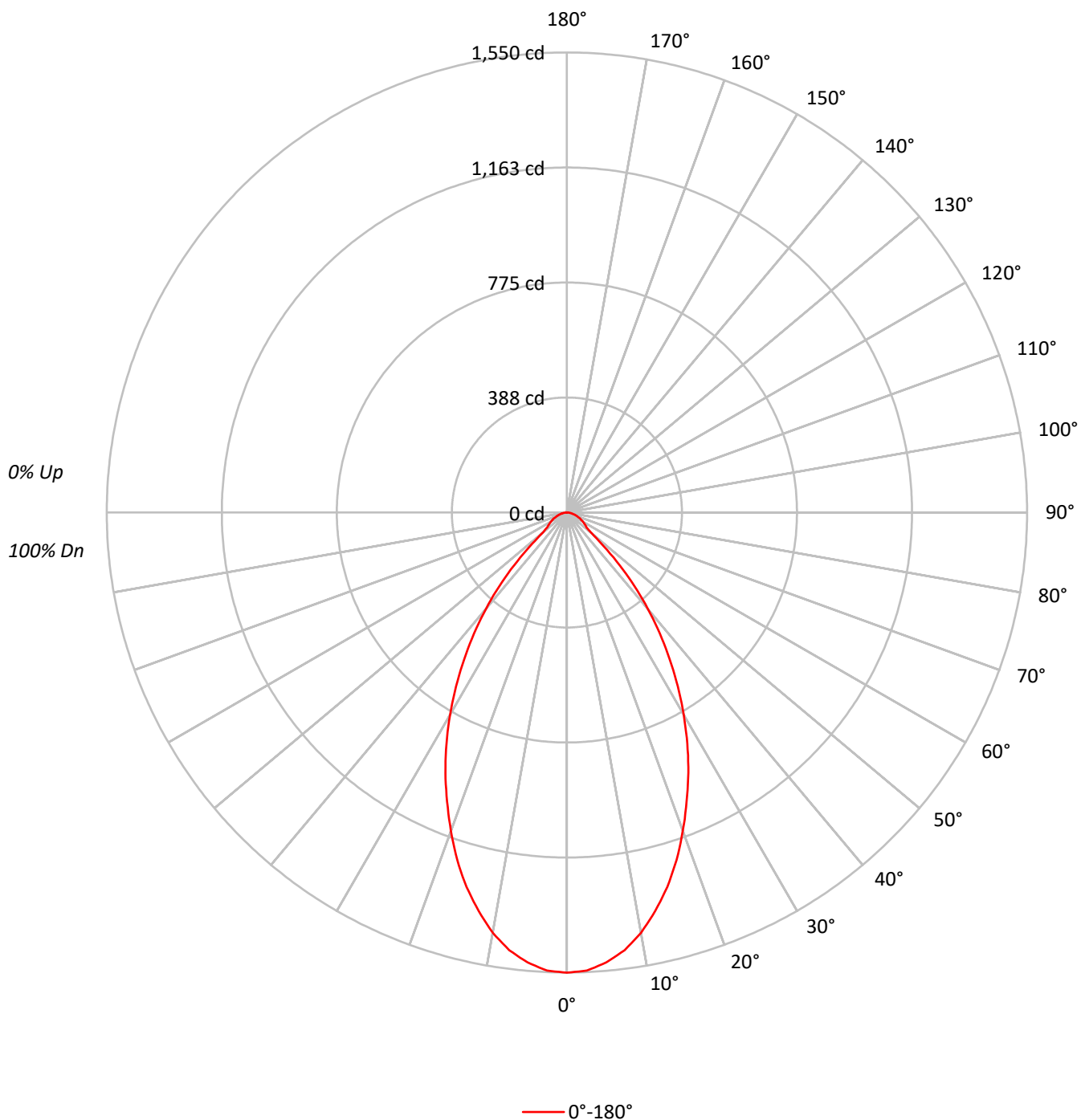
Lumens per Lamp: N/A  
Luminaire Lumens: 1673.0 lumens  
Efficiency: N/A  
Efficacy: 58.1 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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   | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 101 | 99  |  | 99  | 97  | 96  |  | 95  |
| 2   | 106 | 100 | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 91  | 88  |  | 92  | 89  | 86  |  | 89  |
| 3   | 99  | 92  | 86  | 81  | 97  | 90  | 85  | 81  | 88  | 83  | 79  |  | 85  | 81  | 78  |  | 83  |
| 4   | 93  | 85  | 78  | 73  | 91  | 83  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 5   | 88  | 78  | 72  | 67  | 86  | 77  | 71  | 66  | 75  | 70  | 66  |  | 74  | 69  | 65  |  | 72  |
| 6   | 83  | 73  | 66  | 61  | 81  | 72  | 65  | 61  | 70  | 65  | 60  |  | 69  | 64  | 60  |  | 67  |
| 7   | 78  | 68  | 61  | 56  | 77  | 67  | 61  | 56  | 66  | 60  | 56  |  | 64  | 59  | 55  |  | 63  |
| 8   | 74  | 63  | 57  | 52  | 73  | 63  | 56  | 52  | 61  | 56  | 52  |  | 60  | 55  | 51  |  | 59  |
| 9   | 70  | 59  | 53  | 48  | 69  | 59  | 52  | 48  | 58  | 52  | 48  |  | 57  | 52  | 48  |  | 56  |
| 10  | 66  | 56  | 49  | 45  | 65  | 55  | 49  | 45  | 54  | 49  | 45  |  | 54  | 48  | 45  |  | 53  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 339995 |
| 5°  | 334976 |
| 10° | 320145 |
| 15° | 296506 |
| 20° | 266443 |
| 25° | 234231 |
| 30° | 199195 |
| 35° | 161526 |
| 40° | 121342 |
| 45° | 78148  |
| 50° | 37116  |
| 55° | 29208  |
| 60° | 27629  |
| 65° | 25736  |
| 70° | 23273  |
| 75° | 21011  |
| 80° | 19321  |
| 85° | 19121  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 78148 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 142.6  | 8.5       |
| 10°-20°   | 364.1  | 21.8      |
| 20°-30°   | 442.4  | 26.4      |
| 30°-40°   | 375.2  | 22.4      |
| 40°-50°   | 194.9  | 11.6      |
| 50°-60°   | 70.3   | 4.2       |
| 60°-70°   | 48.6   | 2.9       |
| 70°-80°   | 26.4   | 1.6       |
| 80°-90°   | 8.3    | 0.5       |
| 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°    | 949.2  | 56.7      |
| 0°-40°    | 1324.4 | 79.2      |
| 0°-60°    | 1589.6 | 95.0      |
| 0°-90°    | 1673.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1673.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1550 |      |
| 5°  | 1522 | 143  |
| 15° | 1306 | 364  |
| 25° | 968  | 442  |
| 35° | 603  | 375  |
| 45° | 252  | 195  |
| 55° | 76   | 70   |
| 65° | 50   | 49   |
| 75° | 25   | 26   |
| 85° | 8    | 8    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 1550.5 |
| 2.5°  | 1544.7 |
| 5°    | 1521.8 |
| 7.5°  | 1487.4 |
| 10°   | 1437.8 |
| 12.5° | 1374.8 |
| 15°   | 1306.1 |
| 17.5° | 1227.8 |
| 20°   | 1141.8 |
| 22.5° | 1054.0 |
| 25°   | 968.1  |
| 27.5° | 878.3  |
| 30°   | 786.7  |
| 32.5° | 695.0  |
| 35°   | 603.4  |
| 37.5° | 513.6  |
| 40°   | 423.9  |
| 42.5° | 338.0  |
| 45°   | 252.0  |
| 47.5° | 168.0  |
| 50°   | 108.8  |
| 52.5° | 84.0   |
| 55°   | 76.4   |
| 57.5° | 68.7   |
| 60°   | 63.0   |
| 62.5° | 55.4   |
| 65°   | 49.6   |
| 67.5° | 42.0   |
| 70°   | 36.3   |
| 72.5° | 30.6   |
| 75°   | 24.8   |
| 77.5° | 19.1   |
| 80°   | 15.3   |
| 82.5° | 11.5   |
| 85°   | 7.6    |
| 87.5° | 3.8    |
| 90°   | 0.0    |

(END OF REPORT)