

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: P1254741

Luminaire Tested: P3AS13R409035DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1254741  
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: P3AS13R409035DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

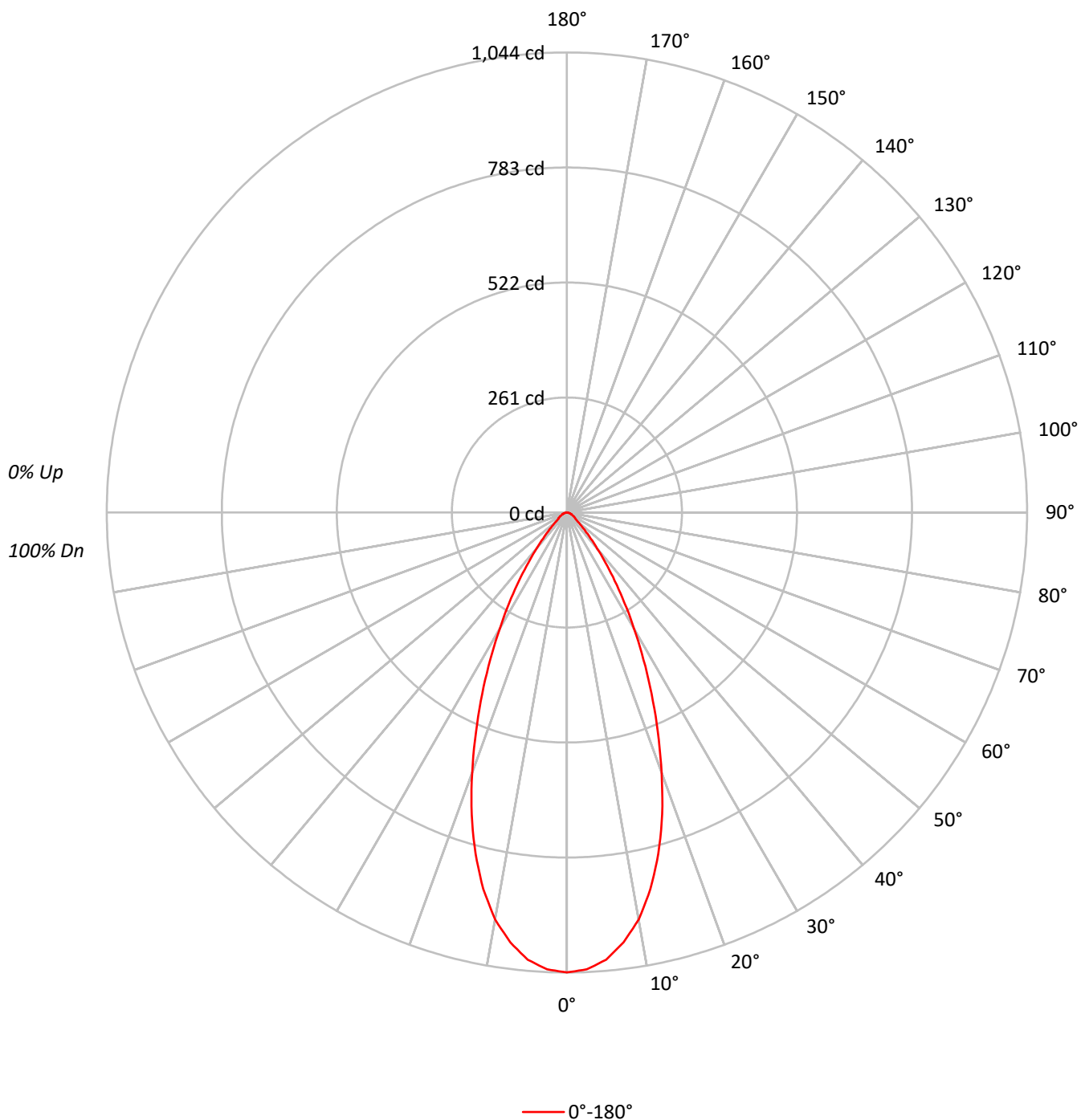
Lumens per Lamp: N/A  
Luminaire Lumens: 735.0 lumens  
Efficiency: N/A  
Efficacy: 50.3 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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  |
| 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°  | 228863 |
| 5°  | 224235 |
| 10° | 208769 |
| 15° | 181953 |
| 20° | 146639 |
| 25° | 109918 |
| 30° | 77278  |
| 35° | 50621  |
| 40° | 30657  |
| 45° | 18296  |
| 50° | 10916  |
| 55° | 8793   |
| 60° | 7894   |
| 65° | 6745   |
| 70° | 6411   |
| 75° | 5083   |
| 80° | 5051   |
| 85° | 5032   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18296 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.6   | 12.9      |
| 10°-20°   | 220.8  | 30.0      |
| 20°-30°   | 208.0  | 28.3      |
| 30°-40°   | 120.3  | 16.4      |
| 40°-50°   | 47.9   | 6.5       |
| 50°-60°   | 21.2   | 2.9       |
| 60°-70°   | 13.1   | 1.8       |
| 70°-80°   | 6.9    | 0.9       |
| 80°-90°   | 2.2    | 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°    | 523.4  | 71.2      |
| 0°-40°    | 643.7  | 87.6      |
| 0°-60°    | 712.9  | 97.0      |
| 0°-90°    | 735.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 735.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1044 |      |
| 5°  | 1019 | 95   |
| 15° | 802  | 221  |
| 25° | 454  | 208  |
| 35° | 189  | 120  |
| 45° | 59   | 48   |
| 55° | 23   | 21   |
| 65° | 13   | 13   |
| 75° | 6    | 7    |
| 85° | 2    | 2    |
| 90° | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1043.7 |
| 2.5°  | 1037.7 |
| 5°    | 1018.7 |
| 7.5°  | 983.7  |
| 10°   | 937.6  |
| 12.5° | 875.6  |
| 15°   | 801.5  |
| 17.5° | 718.5  |
| 20°   | 628.4  |
| 22.5° | 538.4  |
| 25°   | 454.3  |
| 27.5° | 376.3  |
| 30°   | 305.2  |
| 32.5° | 243.2  |
| 35°   | 189.1  |
| 37.5° | 143.1  |
| 40°   | 107.1  |
| 42.5° | 80.1   |
| 45°   | 59.0   |
| 47.5° | 43.0   |
| 50°   | 32.0   |
| 52.5° | 26.0   |
| 55°   | 23.0   |
| 57.5° | 21.0   |
| 60°   | 18.0   |
| 62.5° | 15.0   |
| 65°   | 13.0   |
| 67.5° | 11.0   |
| 70°   | 10.0   |
| 72.5° | 8.0    |
| 75°   | 6.0    |
| 77.5° | 5.0    |
| 80°   | 4.0    |
| 82.5° | 3.0    |
| 85°   | 2.0    |
| 87.5° | 1.0    |
| 90°   | 0.0    |

(END OF REPORT)