

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: P1298314

Luminaire Tested: P3A13R60W2N902750DE010 E3DLP1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1298314  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R60W2N902750DE010 E3DLP1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

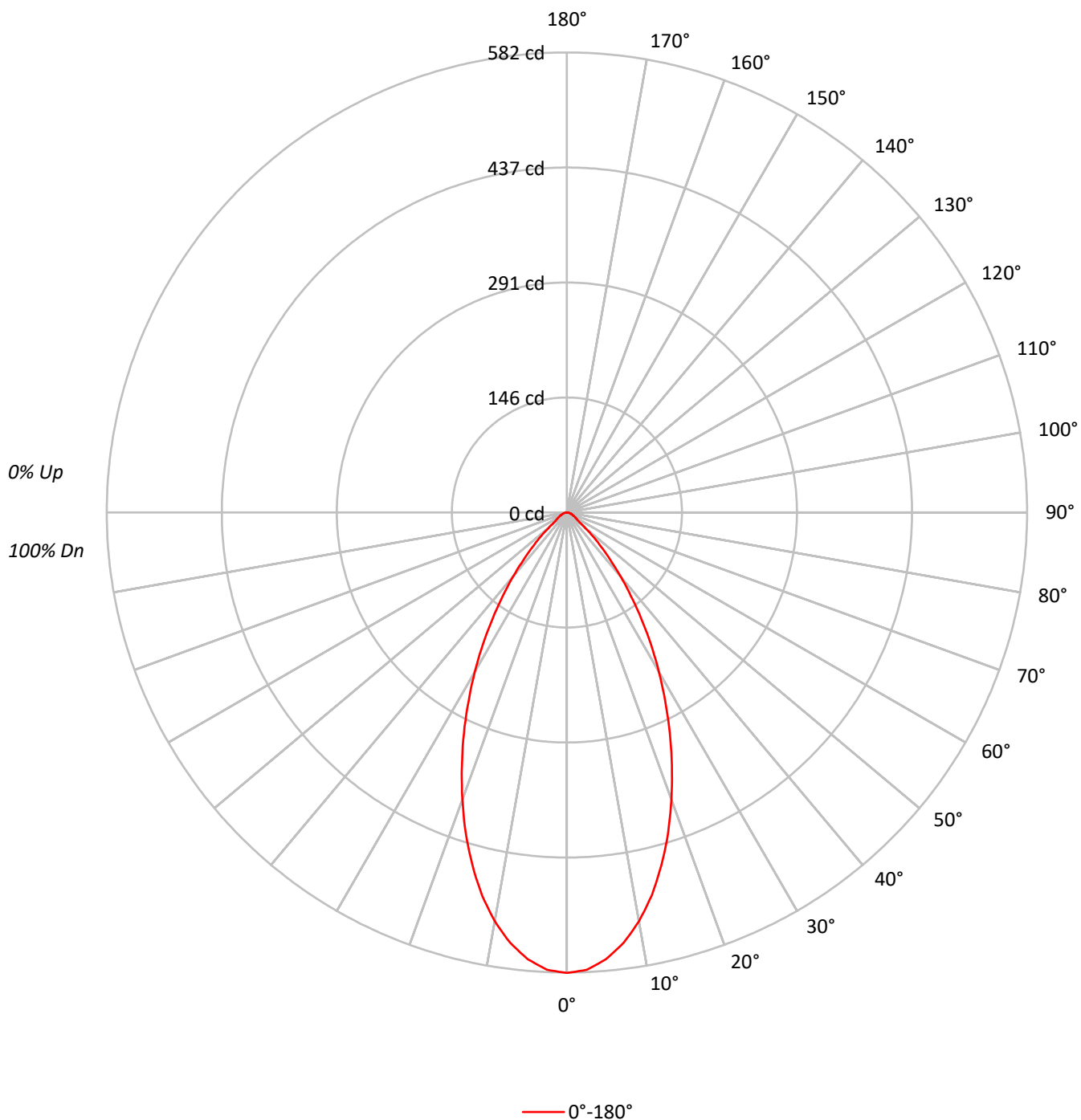
Lumens per Lamp: N/A  
Luminaire Lumens: 504.0 lumens  
Efficiency: N/A  
Efficacy: 41.0 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 12.3  
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 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 |  | 100 | 98  | 97  |  | 96  |
| 2   | 107 | 101 | 97  | 93  | 104 | 100 | 96  | 92  | 96  | 93  | 90  |  | 93  | 91  | 88  |  | 91  |
| 3   | 101 | 94  | 88  | 84  | 99  | 92  | 87  | 83  | 90  | 86  | 82  |  | 87  | 84  | 81  |  | 85  |
| 4   | 95  | 87  | 81  | 77  | 93  | 86  | 80  | 76  | 84  | 79  | 75  |  | 82  | 78  | 74  |  | 80  |
| 5   | 90  | 81  | 75  | 70  | 88  | 80  | 74  | 70  | 78  | 73  | 69  |  | 77  | 72  | 69  |  | 75  |
| 6   | 85  | 76  | 69  | 65  | 84  | 75  | 69  | 65  | 73  | 68  | 64  |  | 72  | 67  | 64  |  | 71  |
| 7   | 81  | 71  | 65  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  |  | 68  | 63  | 59  |  | 67  |
| 8   | 77  | 67  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 60  | 56  |  | 64  | 59  | 55  |  | 63  |
| 9   | 73  | 63  | 57  | 52  | 72  | 62  | 56  | 52  | 61  | 56  | 52  |  | 60  | 55  | 52  |  | 60  |
| 10  | 69  | 59  | 53  | 49  | 68  | 59  | 53  | 49  | 58  | 53  | 49  |  | 57  | 52  | 49  |  | 56  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 127731 |
| 5°  | 124873 |
| 10° | 116898 |
| 15° | 104881 |
| 20° | 90191  |
| 25° | 74569  |
| 30° | 58920  |
| 35° | 43768  |
| 40° | 30142  |
| 45° | 18917  |
| 50° | 10405  |
| 55° | 6079   |
| 60° | 5482   |
| 65° | 4670   |
| 70° | 3975   |
| 75° | 4067   |
| 80° | 3536   |
| 85° | 3522   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18917 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.8   | 10.5      |
| 10°-20°   | 128.3  | 25.5      |
| 20°-30°   | 140.7  | 27.9      |
| 30°-40°   | 102.5  | 20.3      |
| 40°-50°   | 48.4   | 9.6       |
| 50°-60°   | 15.9   | 3.2       |
| 60°-70°   | 9.0    | 1.8       |
| 70°-80°   | 4.8    | 1.0       |
| 80°-90°   | 1.5    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 321.8  | 63.9      |
| 0°-40°    | 424.4  | 84.2      |
| 0°-60°    | 488.7  | 97.0      |
| 0°-90°    | 504.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 504.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 582 |      |
| 5°  | 567 | 53   |
| 15° | 462 | 128  |
| 25° | 308 | 141  |
| 35° | 164 | 103  |
| 45° | 61  | 48   |
| 55° | 16  | 16   |
| 65° | 9   | 9    |
| 75° | 5   | 5    |
| 85° | 1   | 2    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 582.5 |
| 2.5°  | 579.0 |
| 5°    | 567.3 |
| 7.5°  | 549.2 |
| 10°   | 525.0 |
| 12.5° | 495.9 |
| 15°   | 462.0 |
| 17.5° | 425.3 |
| 20°   | 386.5 |
| 22.5° | 347.0 |
| 25°   | 308.2 |
| 27.5° | 269.4 |
| 30°   | 232.7 |
| 32.5° | 197.4 |
| 35°   | 163.5 |
| 37.5° | 133.0 |
| 40°   | 105.3 |
| 42.5° | 81.0  |
| 45°   | 61.0  |
| 47.5° | 44.3  |
| 50°   | 30.5  |
| 52.5° | 20.1  |
| 55°   | 15.9  |
| 57.5° | 13.9  |
| 60°   | 12.5  |
| 62.5° | 10.4  |
| 65°   | 9.0   |
| 67.5° | 7.6   |
| 70°   | 6.2   |
| 72.5° | 5.5   |
| 75°   | 4.8   |
| 77.5° | 3.5   |
| 80°   | 2.8   |
| 82.5° | 2.1   |
| 85°   | 1.4   |
| 87.5° | 0.7   |
| 90°   | 0.0   |

(END OF REPORT)