

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: P1263829

Luminaire Tested: P3A02R259730DE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1263829  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R259730DE010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

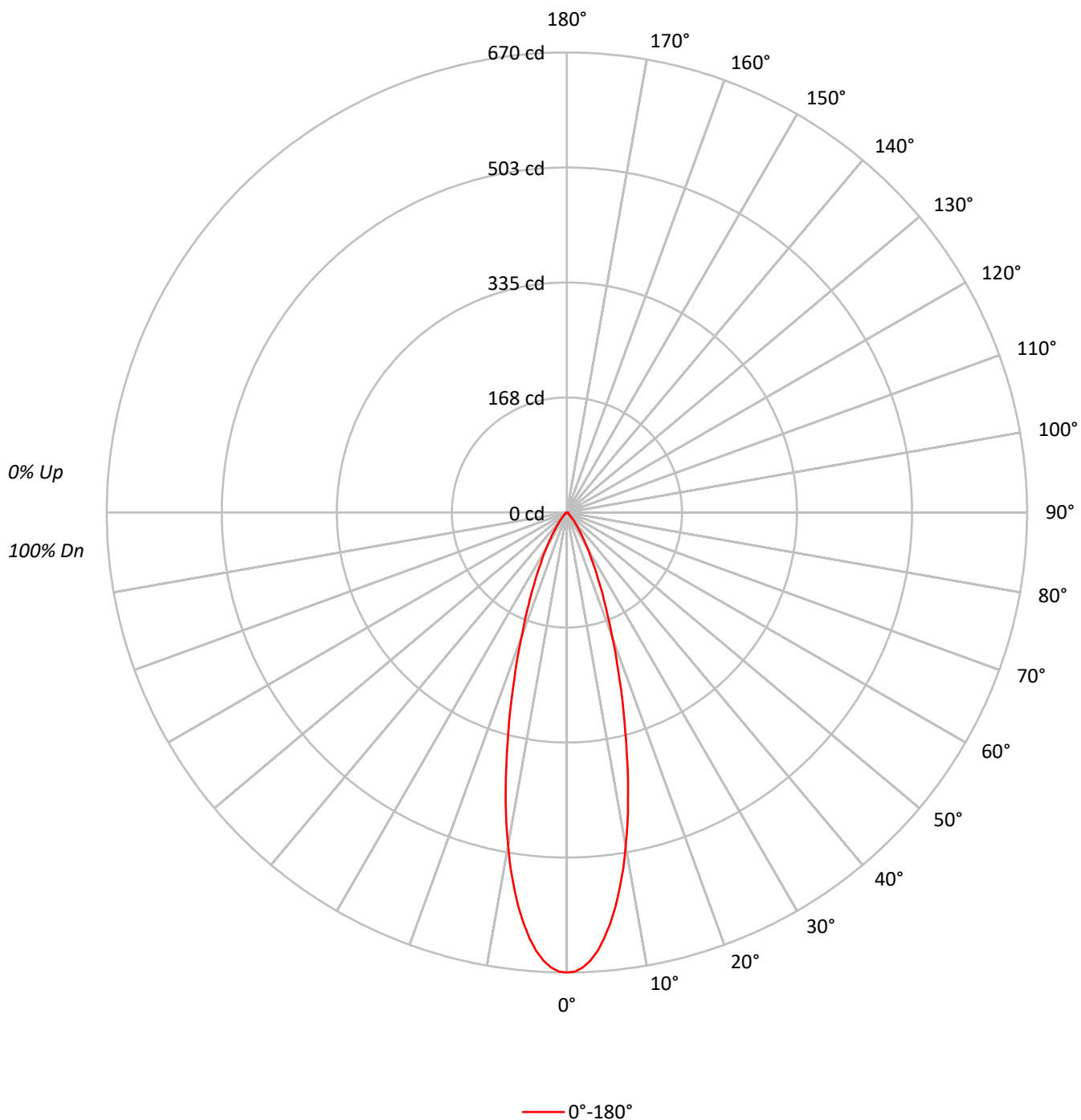
Lumens per Lamp: N/A  
Luminaire Lumens: 229.0 lumens  
Efficiency: N/A  
Efficacy: 63.6 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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   | 114 | 112 | 110 | 108 | 112 | 110 | 108 | 106 | 106 | 104 | 103 |  | 102 | 101 | 100 |  | 99  |
| 2   | 110 | 105 | 102 | 99  | 107 | 104 | 101 | 98  | 101 | 98  | 96  |  | 98  | 96  | 94  |  | 95  |
| 3   | 105 | 100 | 96  | 92  | 103 | 98  | 95  | 91  | 96  | 93  | 90  |  | 94  | 91  | 89  |  | 91  |
| 4   | 101 | 95  | 90  | 87  | 99  | 94  | 89  | 86  | 92  | 88  | 85  |  | 90  | 87  | 84  |  | 88  |
| 5   | 97  | 90  | 85  | 82  | 96  | 89  | 85  | 81  | 88  | 84  | 81  |  | 86  | 83  | 80  |  | 85  |
| 6   | 94  | 86  | 81  | 78  | 92  | 86  | 81  | 78  | 84  | 80  | 77  |  | 83  | 79  | 77  |  | 82  |
| 7   | 90  | 83  | 78  | 74  | 89  | 82  | 77  | 74  | 81  | 77  | 74  |  | 80  | 76  | 73  |  | 79  |
| 8   | 87  | 79  | 74  | 71  | 86  | 79  | 74  | 71  | 78  | 74  | 71  |  | 77  | 73  | 70  |  | 76  |
| 9   | 84  | 76  | 71  | 68  | 83  | 76  | 71  | 68  | 75  | 71  | 68  |  | 74  | 70  | 68  |  | 73  |
| 10  | 81  | 73  | 69  | 65  | 80  | 73  | 68  | 65  | 72  | 68  | 65  |  | 72  | 68  | 65  |  | 71  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 146896 |
| 5°  | 137046 |
| 10° | 109795 |
| 15° | 74529  |
| 20° | 45084  |
| 25° | 26372  |
| 30° | 15015  |
| 35° | 8272   |
| 40° | 4380   |
| 45° | 2295   |
| 50° | 1330   |
| 55° | 994    |
| 60° | 877    |
| 65° | 934    |
| 70° | 833    |
| 75° | 763    |
| 80° | 505    |
| 85° | 503    |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2295 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.3   | 24.1      |
| 10°-20°   | 90.2   | 39.4      |
| 20°-30°   | 51.6   | 22.5      |
| 30°-40°   | 20.4   | 8.9       |
| 40°-50°   | 6.2    | 2.7       |
| 50°-60°   | 2.5    | 1.1       |
| 60°-70°   | 1.7    | 0.7       |
| 70°-80°   | 0.9    | 0.4       |
| 80°-90°   | 0.3    | 0.1       |
| 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°    | 197.1  | 86.1      |
| 0°-40°    | 217.4  | 94.9      |
| 0°-60°    | 226.1  | 98.7      |
| 0°-90°    | 229.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 229.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 670 |      |
| 5°  | 623 | 55   |
| 15° | 328 | 90   |
| 25° | 109 | 52   |
| 35° | 31  | 20   |
| 45° | 7   | 6    |
| 55° | 3   | 2    |
| 65° | 2   | 2    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 669.9 |
| 1°    | 668.6 |
| 2°    | 663.1 |
| 3°    | 653.5 |
| 4°    | 640.1 |
| 5°    | 622.6 |
| 6°    | 602.1 |
| 7°    | 578.9 |
| 8°    | 551.9 |
| 9°    | 524.4 |
| 10°   | 493.1 |
| 11°   | 462.2 |
| 12°   | 428.3 |
| 13°   | 394.8 |
| 14°   | 360.4 |
| 15°   | 328.3 |
| 17.5° | 254.5 |
| 20°   | 193.2 |
| 22.5° | 145.1 |
| 25°   | 109.0 |
| 27.5° | 80.8  |
| 30°   | 59.3  |
| 32.5° | 42.9  |
| 35°   | 30.9  |
| 37.5° | 21.9  |
| 40°   | 15.3  |
| 42.5° | 10.5  |
| 45°   | 7.4   |
| 47.5° | 5.3   |
| 50°   | 3.9   |
| 52.5° | 3.1   |
| 55°   | 2.6   |
| 57.5° | 2.4   |
| 60°   | 2.0   |
| 62.5° | 1.8   |
| 65°   | 1.8   |
| 67.5° | 1.5   |
| 70°   | 1.3   |
| 72.5° | 1.1   |
| 75°   | 0.9   |
| 77.5° | 0.7   |
| 80°   | 0.4   |
| 82.5° | 0.4   |
| 85°   | 0.2   |
| 87.5° | 0.2   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)