

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: P1292949

Luminaire Tested: P3A09R35W2N902750DE010 E3DLP1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1292949  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R35W2N902750DE010 E3DLP1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

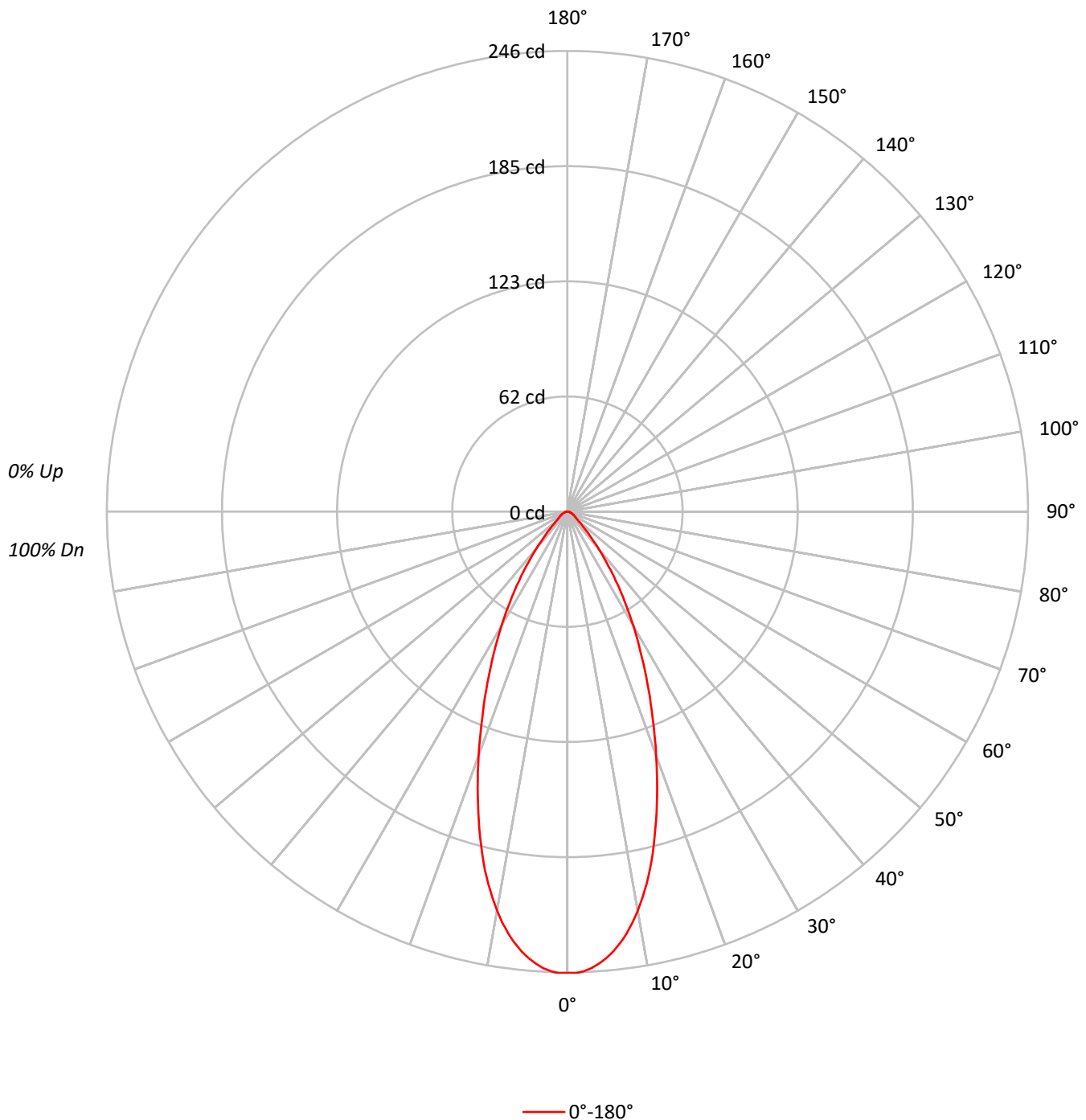
Lumens per Lamp: N/A  
Luminaire Lumens: 168.0 lumens  
Efficiency: N/A  
Efficacy: 18.7 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 9  
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  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 |  | 100 | 99  | 97  |  | 97  | 96  | 95  | 93  |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 91  | 89  | 87  | 86  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 82  |  | 86  | 84  | 81  | 80  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  |  | 84  | 80  | 77  |  | 82  | 78  | 76  | 74  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  | 74  | 71  | 69  |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  | 69  | 66  | 65  |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 69  | 65  | 62  | 61  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  |  | 67  | 62  | 59  |  | 66  | 62  | 59  | 57  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  |  | 64  | 59  | 56  |  | 63  | 59  | 55  | 54  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  |  | 61  | 56  | 53  |  | 60  | 56  | 53  | 51  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 54009 |
| 5°  | 52674 |
| 10° | 48162 |
| 15° | 40863 |
| 20° | 32343 |
| 25° | 24461 |
| 30° | 17826 |
| 35° | 12046 |
| 40° | 7414  |
| 45° | 4249  |
| 50° | 2559  |
| 55° | 2064  |
| 60° | 1798  |
| 65° | 1608  |
| 70° | 1346  |
| 75° | 1356  |
| 80° | 1263  |
| 85° | 1258  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 4249 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 22.1   | 13.2      |
| 10°-20°   | 49.6   | 29.5      |
| 20°-30°   | 46.4   | 27.6      |
| 30°-40°   | 28.4   | 16.9      |
| 40°-50°   | 11.2   | 6.7       |
| 50°-60°   | 4.9    | 2.9       |
| 60°-70°   | 3.1    | 1.8       |
| 70°-80°   | 1.6    | 1.0       |
| 80°-90°   | 0.6    | 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°    | 118.2  | 70.3      |
| 0°-40°    | 146.6  | 87.3      |
| 0°-60°    | 162.7  | 96.9      |
| 0°-90°    | 168.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 168.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 246 |      |
| 5°  | 239 | 22   |
| 15° | 180 | 50   |
| 25° | 101 | 46   |
| 35° | 45  | 28   |
| 45° | 14  | 11   |
| 55° | 5   | 5    |
| 65° | 3   | 3    |
| 75° | 2   | 2    |
| 85° | 0   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 246.3 |
| 1°    | 246.5 |
| 2°    | 245.7 |
| 3°    | 244.2 |
| 4°    | 241.9 |
| 5°    | 239.3 |
| 6°    | 235.9 |
| 7°    | 232.0 |
| 8°    | 227.4 |
| 9°    | 222.2 |
| 10°   | 216.3 |
| 11°   | 210.0 |
| 12°   | 203.3 |
| 13°   | 196.1 |
| 14°   | 188.1 |
| 15°   | 180.0 |
| 17.5° | 159.3 |
| 20°   | 138.6 |
| 22.5° | 118.7 |
| 25°   | 101.1 |
| 27.5° | 84.8  |
| 30°   | 70.4  |
| 32.5° | 56.9  |
| 35°   | 45.0  |
| 37.5° | 34.4  |
| 40°   | 25.9  |
| 42.5° | 18.6  |
| 45°   | 13.7  |
| 47.5° | 9.8   |
| 50°   | 7.5   |
| 52.5° | 6.2   |
| 55°   | 5.4   |
| 57.5° | 4.7   |
| 60°   | 4.1   |
| 62.5° | 3.6   |
| 65°   | 3.1   |
| 67.5° | 2.6   |
| 70°   | 2.1   |
| 72.5° | 1.8   |
| 75°   | 1.6   |
| 77.5° | 1.3   |
| 80°   | 1.0   |
| 82.5° | 0.8   |
| 85°   | 0.5   |
| 87.5° | 0.3   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)