

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: P1248078

Luminaire Tested: P3AS02R309027DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1248078  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309027DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

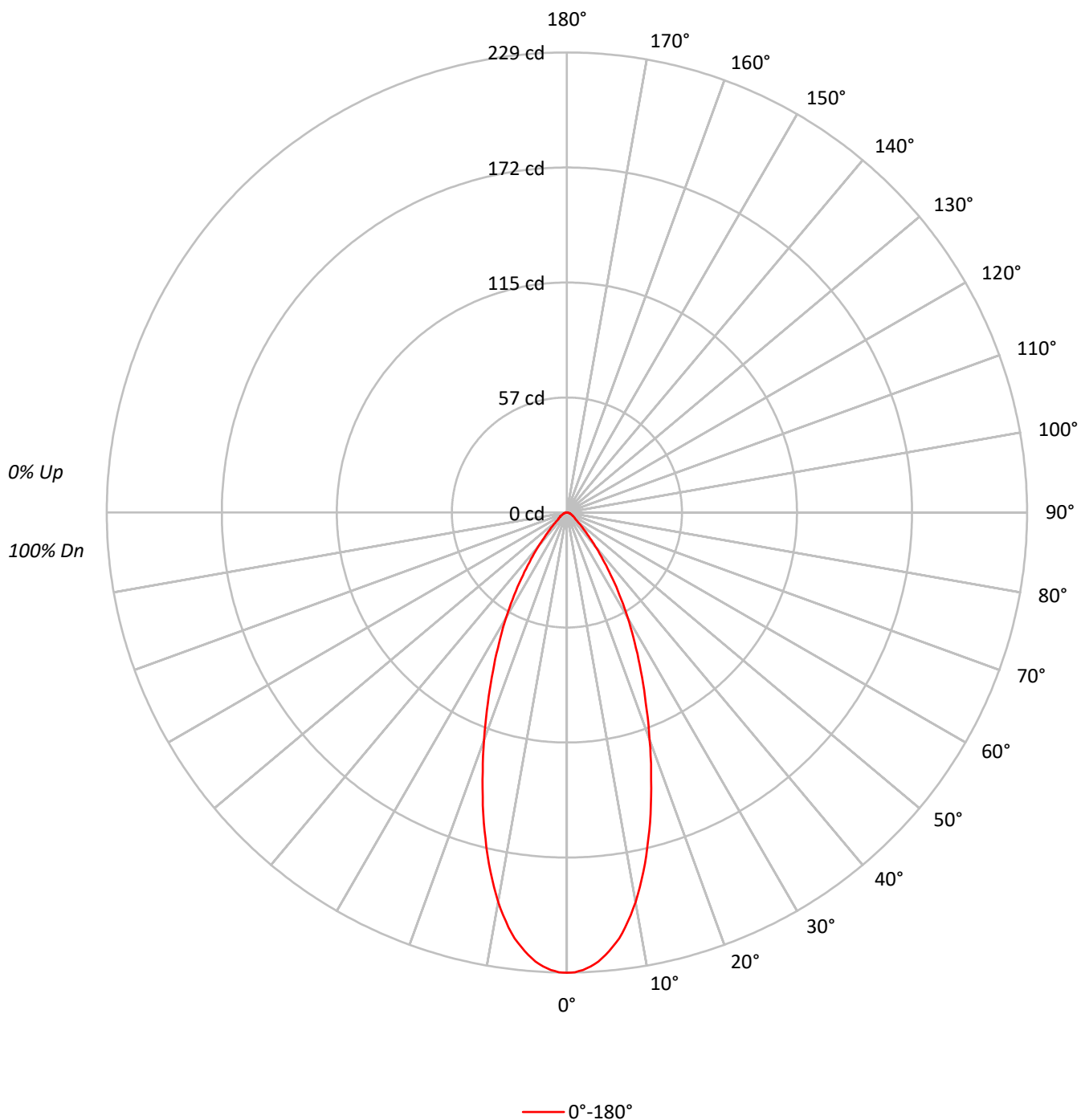
Lumens per Lamp: N/A  
Luminaire Lumens: 147.0 lumens  
Efficiency: N/A  
Efficacy: 40.8 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1248078

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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  | 94  | 97  | 94  | 92  |  | 94  | 92  | 90  |  | 92  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 86  | 83  |  | 87  |
| 4   | 97  | 89  | 84  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 84  | 78  | 73  | 90  | 83  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 72  |  | 78  |
| 6   | 88  | 79  | 73  | 68  | 86  | 78  | 72  | 68  | 76  | 71  | 68  |  | 75  | 71  | 67  |  | 74  |
| 7   | 83  | 74  | 68  | 64  | 82  | 74  | 68  | 64  | 72  | 67  | 63  |  | 71  | 67  | 63  |  | 70  |
| 8   | 80  | 70  | 64  | 60  | 78  | 70  | 64  | 60  | 69  | 63  | 60  |  | 67  | 63  | 60  |  | 67  |
| 9   | 76  | 67  | 61  | 57  | 75  | 66  | 60  | 57  | 65  | 60  | 56  |  | 64  | 60  | 56  |  | 63  |
| 10  | 73  | 63  | 58  | 54  | 72  | 63  | 57  | 54  | 62  | 57  | 53  |  | 61  | 57  | 53  |  | 60  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 50237 |
| 5°  | 48668 |
| 10° | 43842 |
| 15° | 36277 |
| 20° | 28096 |
| 25° | 21074 |
| 30° | 15293 |
| 35° | 10199 |
| 40° | 6269  |
| 45° | 3690  |
| 50° | 2252  |
| 55° | 1835  |
| 60° | 1579  |
| 65° | 1297  |
| 70° | 1154  |
| 75° | 1186  |
| 80° | 884   |
| 85° | 1258  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 3690 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 20.3   | 13.8      |
| 10°-20°   | 44.0   | 29.9      |
| 20°-30°   | 40.0   | 27.2      |
| 30°-40°   | 24.2   | 16.5      |
| 40°-50°   | 9.7    | 6.6       |
| 50°-60°   | 4.3    | 2.9       |
| 60°-70°   | 2.6    | 1.8       |
| 70°-80°   | 1.4    | 1.0       |
| 80°-90°   | 0.4    | 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°    | 104.4  | 71.0      |
| 0°-40°    | 128.6  | 87.5      |
| 0°-60°    | 142.6  | 97.0      |
| 0°-90°    | 147.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 147.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 229 |      |
| 5°  | 221 | 20   |
| 15° | 160 | 44   |
| 25° | 87  | 40   |
| 35° | 38  | 24   |
| 45° | 12  | 10   |
| 55° | 5   | 4    |
| 65° | 2   | 3    |
| 75° | 1   | 1    |
| 85° | 0   | 0    |
| 90° | 0   |      |

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CATALOG NUMBER: P3AS02R309027DE010 E3DLP1MW

**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 229.1 |
| 1°    | 228.9 |
| 2°    | 227.9 |
| 3°    | 226.3 |
| 4°    | 224.1 |
| 5°    | 221.1 |
| 6°    | 217.5 |
| 7°    | 213.6 |
| 8°    | 208.6 |
| 9°    | 202.9 |
| 10°   | 196.9 |
| 11°   | 190.1 |
| 12°   | 182.8 |
| 13°   | 175.5 |
| 14°   | 167.5 |
| 15°   | 159.8 |
| 17.5° | 139.5 |
| 20°   | 120.4 |
| 22.5° | 102.6 |
| 25°   | 87.1  |
| 27.5° | 72.9  |
| 30°   | 60.4  |
| 32.5° | 48.8  |
| 35°   | 38.1  |
| 37.5° | 29.2  |
| 40°   | 21.9  |
| 42.5° | 16.0  |
| 45°   | 11.9  |
| 47.5° | 8.9   |
| 50°   | 6.6   |
| 52.5° | 5.2   |
| 55°   | 4.8   |
| 57.5° | 4.1   |
| 60°   | 3.6   |
| 62.5° | 3.0   |
| 65°   | 2.5   |
| 67.5° | 2.3   |
| 70°   | 1.8   |
| 72.5° | 1.6   |
| 75°   | 1.4   |
| 77.5° | 1.1   |
| 80°   | 0.7   |
| 82.5° | 0.5   |
| 85°   | 0.5   |
| 87.5° | 0.2   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)