

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: P1261020

Luminaire Tested: P3AS24R259050D010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

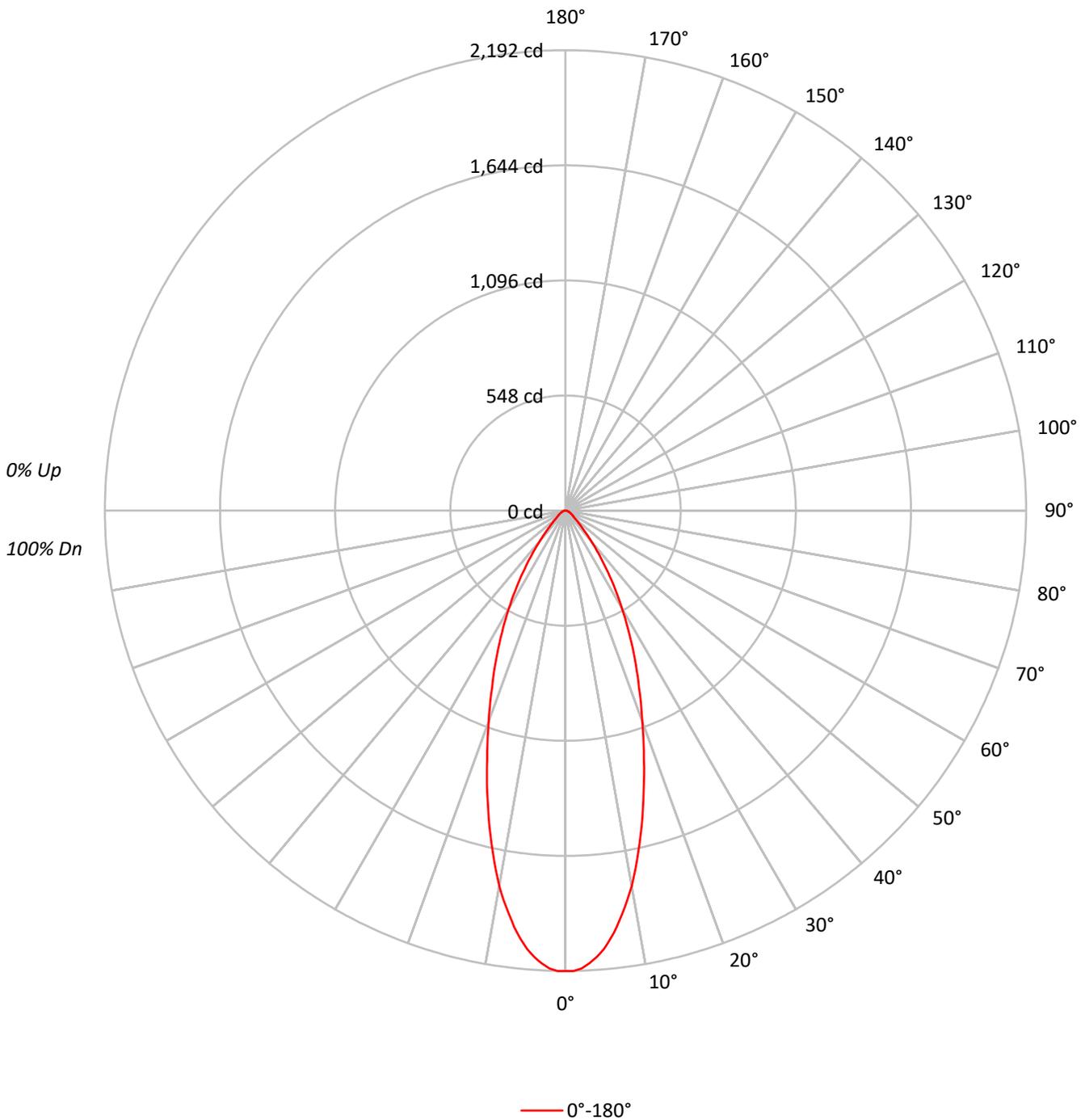
Test Method: LM-79-2019  
Report Number: P1261020  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R259050D010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1324.0 lumens  
Efficiency: N/A  
Efficacy: 46.0 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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  |     |     |     | 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  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 | 100 |
| 1   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 101 | 100 | 99  | 98  | 97  | 96  | 95  | 93  | 93  | 93  | 93  |
| 2   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 94  | 97  | 94  | 92  | 94  | 92  | 90  | 92  | 90  | 88  | 86  | 86  | 86  | 86  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 86  | 91  | 87  | 84  | 89  | 86  | 83  | 87  | 84  | 82  | 80  | 80  | 80  | 80  |
| 4   | 97  | 89  | 84  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  | 84  | 80  | 77  | 82  | 79  | 76  | 75  | 75  | 75  | 75  |
| 5   | 92  | 84  | 78  | 74  | 91  | 83  | 77  | 73  | 81  | 76  | 73  | 79  | 75  | 72  | 78  | 74  | 71  | 70  | 70  | 70  | 70  |
| 6   | 88  | 79  | 73  | 69  | 86  | 78  | 72  | 68  | 77  | 72  | 68  | 75  | 71  | 67  | 74  | 70  | 67  | 66  | 66  | 66  | 66  |
| 7   | 84  | 74  | 68  | 64  | 82  | 74  | 68  | 64  | 72  | 67  | 64  | 71  | 67  | 63  | 70  | 66  | 63  | 62  | 62  | 62  | 62  |
| 8   | 80  | 70  | 65  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  | 68  | 63  | 60  | 67  | 63  | 60  | 58  | 58  | 58  | 58  |
| 9   | 76  | 67  | 61  | 57  | 75  | 66  | 61  | 57  | 65  | 60  | 57  | 65  | 60  | 57  | 64  | 59  | 56  | 55  | 55  | 55  | 55  |
| 10  | 73  | 64  | 58  | 54  | 72  | 63  | 58  | 54  | 62  | 57  | 54  | 62  | 57  | 54  | 61  | 57  | 54  | 52  | 52  | 52  | 52  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 480685 |
| 5°  | 461170 |
| 10° | 404001 |
| 15° | 324724 |
| 20° | 249502 |
| 25° | 188769 |
| 30° | 136401 |
| 35° | 90614  |
| 40° | 54960  |
| 45° | 32003  |
| 50° | 20434  |
| 55° | 16554  |
| 60° | 14473  |
| 65° | 12868  |
| 70° | 10579  |
| 75° | 10506  |
| 80° | 7829   |
| 85° | 10315  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 32003 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 190.7  | 14.4      |
| 10°-20°   | 395.5  | 29.9      |
| 20°-30°   | 357.7  | 27.0      |
| 30°-40°   | 214.9  | 16.2      |
| 40°-50°   | 85.4   | 6.4       |
| 50°-60°   | 39.4   | 3.0       |
| 60°-70°   | 24.0   | 1.8       |
| 70°-80°   | 12.8   | 1.0       |
| 80°-90°   | 3.6    | 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°    | 944.0  | 71.3      |
| 0°-40°    | 1158.8 | 87.5      |
| 0°-60°    | 1283.6 | 96.9      |
| 0°-90°    | 1324.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1324.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 2192 |      |
| 5°  | 2095 | 191  |
| 15° | 1430 | 396  |
| 25° | 780  | 358  |
| 35° | 338  | 215  |
| 45° | 103  | 85   |
| 55° | 43   | 39   |
| 65° | 25   | 24   |
| 75° | 12   | 13   |
| 85° | 4    | 4    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 2192.1 |
| 1°    | 2192.1 |
| 2°    | 2181.8 |
| 3°    | 2159.1 |
| 4°    | 2130.2 |
| 5°    | 2095.1 |
| 6°    | 2049.7 |
| 7°    | 1998.1 |
| 8°    | 1938.2 |
| 9°    | 1878.4 |
| 10°   | 1814.4 |
| 11°   | 1740.1 |
| 12°   | 1663.7 |
| 13°   | 1587.3 |
| 14°   | 1510.9 |
| 15°   | 1430.4 |
| 17.5° | 1240.5 |
| 20°   | 1069.2 |
| 22.5° | 914.4  |
| 25°   | 780.2  |
| 27.5° | 654.3  |
| 30°   | 538.7  |
| 32.5° | 433.5  |
| 35°   | 338.5  |
| 37.5° | 258.0  |
| 40°   | 192.0  |
| 42.5° | 140.4  |
| 45°   | 103.2  |
| 47.5° | 78.4   |
| 50°   | 59.9   |
| 52.5° | 49.5   |
| 55°   | 43.3   |
| 57.5° | 37.2   |
| 60°   | 33.0   |
| 62.5° | 26.8   |
| 65°   | 24.8   |
| 67.5° | 20.6   |
| 70°   | 16.5   |
| 72.5° | 14.4   |
| 75°   | 12.4   |
| 77.5° | 10.3   |
| 80°   | 6.2    |
| 82.5° | 4.1    |
| 85°   | 4.1    |
| 87.5° | 2.1    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)