

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: P1250352

Luminaire Tested: P3AS24R359027D010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1250352  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R359027D010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

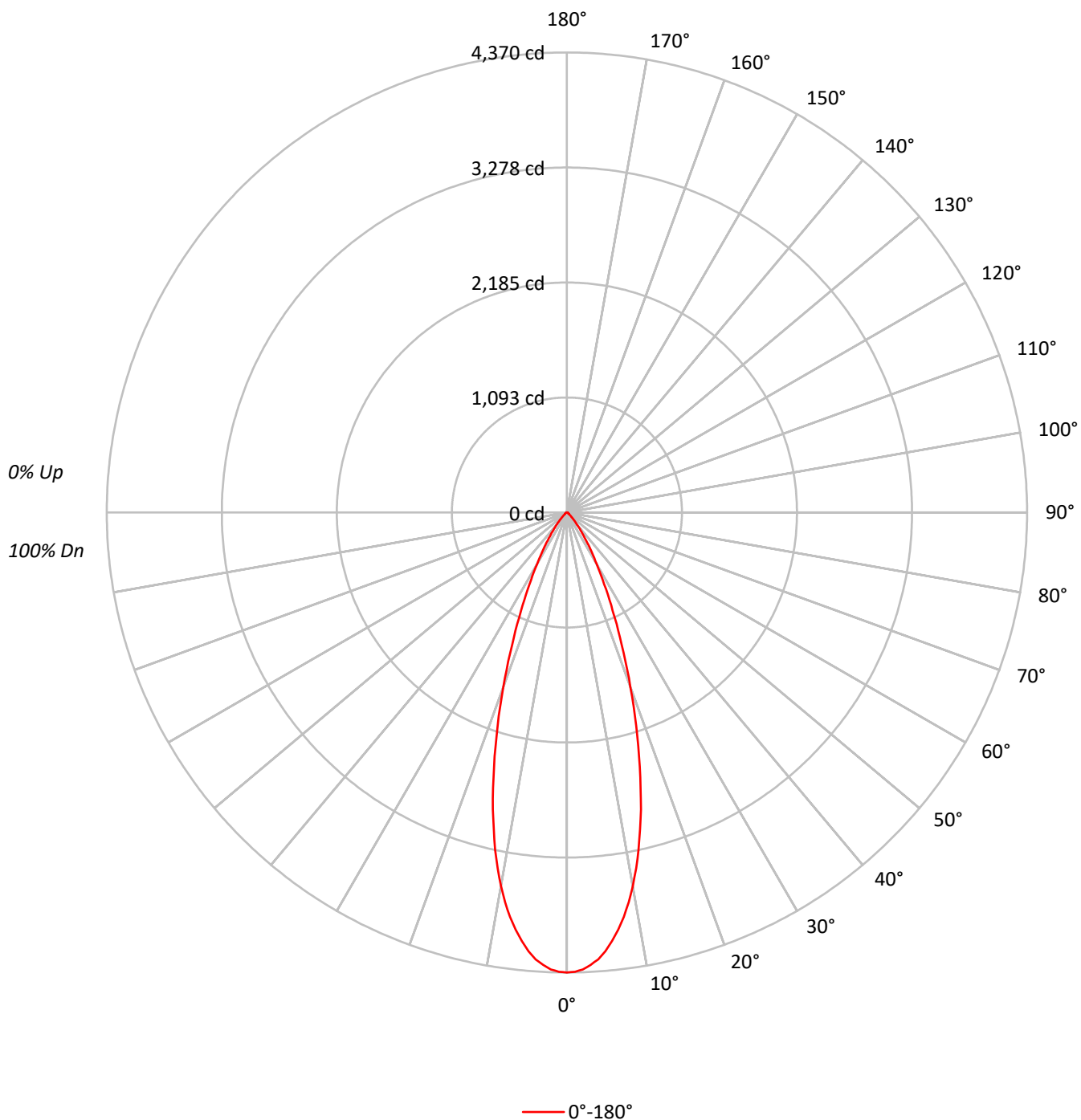
Lumens per Lamp: N/A  
Luminaire Lumens: 1900.0 lumens  
Efficiency: N/A  
Efficacy: 66.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1250352

CATALOG NUMBER: P3AS24R359027D010 E3DL1WMH

### Luminous Intensity Polar Plot



TEST NUMBER: P1250352

CATALOG NUMBER: P3AS24R359027D010 E3DL1WMH

**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 | 109 | 107 | 112 | 109 | 107 | 106 | 105 | 104 | 102 |  | 102 | 100 | 99  |  | 98  |
| 2   | 109 | 105 | 101 | 98  | 107 | 103 | 100 | 97  | 100 | 97  | 95  |  | 97  | 95  | 93  |  | 94  |
| 3   | 105 | 99  | 95  | 91  | 103 | 98  | 94  | 90  | 95  | 92  | 89  |  | 93  | 90  | 88  |  | 91  |
| 4   | 100 | 94  | 89  | 85  | 99  | 93  | 88  | 85  | 91  | 87  | 84  |  | 89  | 85  | 83  |  | 87  |
| 5   | 96  | 89  | 84  | 80  | 95  | 88  | 83  | 80  | 86  | 82  | 79  |  | 85  | 81  | 78  |  | 83  |
| 6   | 92  | 85  | 80  | 76  | 91  | 84  | 79  | 76  | 83  | 78  | 75  |  | 81  | 77  | 75  |  | 80  |
| 7   | 89  | 81  | 76  | 72  | 88  | 80  | 75  | 72  | 79  | 75  | 71  |  | 78  | 74  | 71  |  | 77  |
| 8   | 85  | 77  | 72  | 69  | 84  | 77  | 72  | 68  | 76  | 71  | 68  |  | 75  | 71  | 68  |  | 74  |
| 9   | 82  | 74  | 69  | 66  | 81  | 74  | 69  | 65  | 73  | 68  | 65  |  | 72  | 68  | 65  |  | 71  |
| 10  | 79  | 71  | 66  | 63  | 78  | 71  | 66  | 63  | 70  | 66  | 63  |  | 69  | 65  | 62  |  | 69  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 958278 |
| 5°  | 920953 |
| 10° | 802434 |
| 15° | 614623 |
| 20° | 411192 |
| 25° | 248821 |
| 30° | 142781 |
| 35° | 79826  |
| 40° | 42422  |
| 45° | 21863  |
| 50° | 10473  |
| 55° | 8296   |
| 60° | 7938   |
| 65° | 6590   |
| 70° | 6924   |
| 75° | 6100   |
| 80° | 6819   |
| 85° | 4529   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 21863 cd/sqm

TEST NUMBER: P1250352

CATALOG NUMBER: P3AS24R359027D010 E3DL1WMH

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 380.7  | 20.0      |
| 10°-20°   | 737.7  | 38.8      |
| 20°-30°   | 483.0  | 25.4      |
| 30°-40°   | 195.9  | 10.3      |
| 40°-50°   | 58.8   | 3.1       |
| 50°-60°   | 20.0   | 1.1       |
| 60°-70°   | 13.4   | 0.7       |
| 70°-80°   | 7.8    | 0.4       |
| 80°-90°   | 2.7    | 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°    | 1601.4 | 84.3      |
| 0°-40°    | 1797.3 | 94.6      |
| 0°-60°    | 1876.1 | 98.7      |
| 0°-90°    | 1900.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1900.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 4370 |      |
| 5°  | 4184 | 381  |
| 15° | 2707 | 738  |
| 25° | 1028 | 483  |
| 35° | 298  | 196  |
| 45° | 70   | 59   |
| 55° | 22   | 20   |
| 65° | 13   | 13   |
| 75° | 7    | 8    |
| 85° | 2    | 3    |
| 90° | 0    |      |

TEST NUMBER: P1250352

CATALOG NUMBER: P3AS24R359027D010 E3DL1WMH

**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 4370.1 |
| 1°    | 4362.9 |
| 2°    | 4343.0 |
| 3°    | 4303.2 |
| 4°    | 4256.2 |
| 5°    | 4183.9 |
| 6°    | 4093.6 |
| 7°    | 3992.4 |
| 8°    | 3878.5 |
| 9°    | 3748.4 |
| 10°   | 3603.8 |
| 11°   | 3442.9 |
| 12°   | 3274.9 |
| 13°   | 3086.9 |
| 14°   | 2908.0 |
| 15°   | 2707.4 |
| 17.5° | 2221.2 |
| 20°   | 1762.1 |
| 22.5° | 1355.5 |
| 25°   | 1028.4 |
| 27.5° | 766.3  |
| 30°   | 563.9  |
| 32.5° | 413.9  |
| 35°   | 298.2  |
| 37.5° | 211.5  |
| 40°   | 148.2  |
| 42.5° | 103.0  |
| 45°   | 70.5   |
| 47.5° | 47.0   |
| 50°   | 30.7   |
| 52.5° | 23.5   |
| 55°   | 21.7   |
| 57.5° | 19.9   |
| 60°   | 18.1   |
| 62.5° | 16.3   |
| 65°   | 12.7   |
| 67.5° | 10.8   |
| 70°   | 10.8   |
| 72.5° | 9.0    |
| 75°   | 7.2    |
| 77.5° | 5.4    |
| 80°   | 5.4    |
| 82.5° | 3.6    |
| 85°   | 1.8    |
| 87.5° | 1.8    |



TEST NUMBER: P1250352

CATALOG NUMBER: P3AS24R359027D010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)