

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: P1249233

Luminaire Tested: P3AS13R259027DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1249233  
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: P3AS13R259027DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

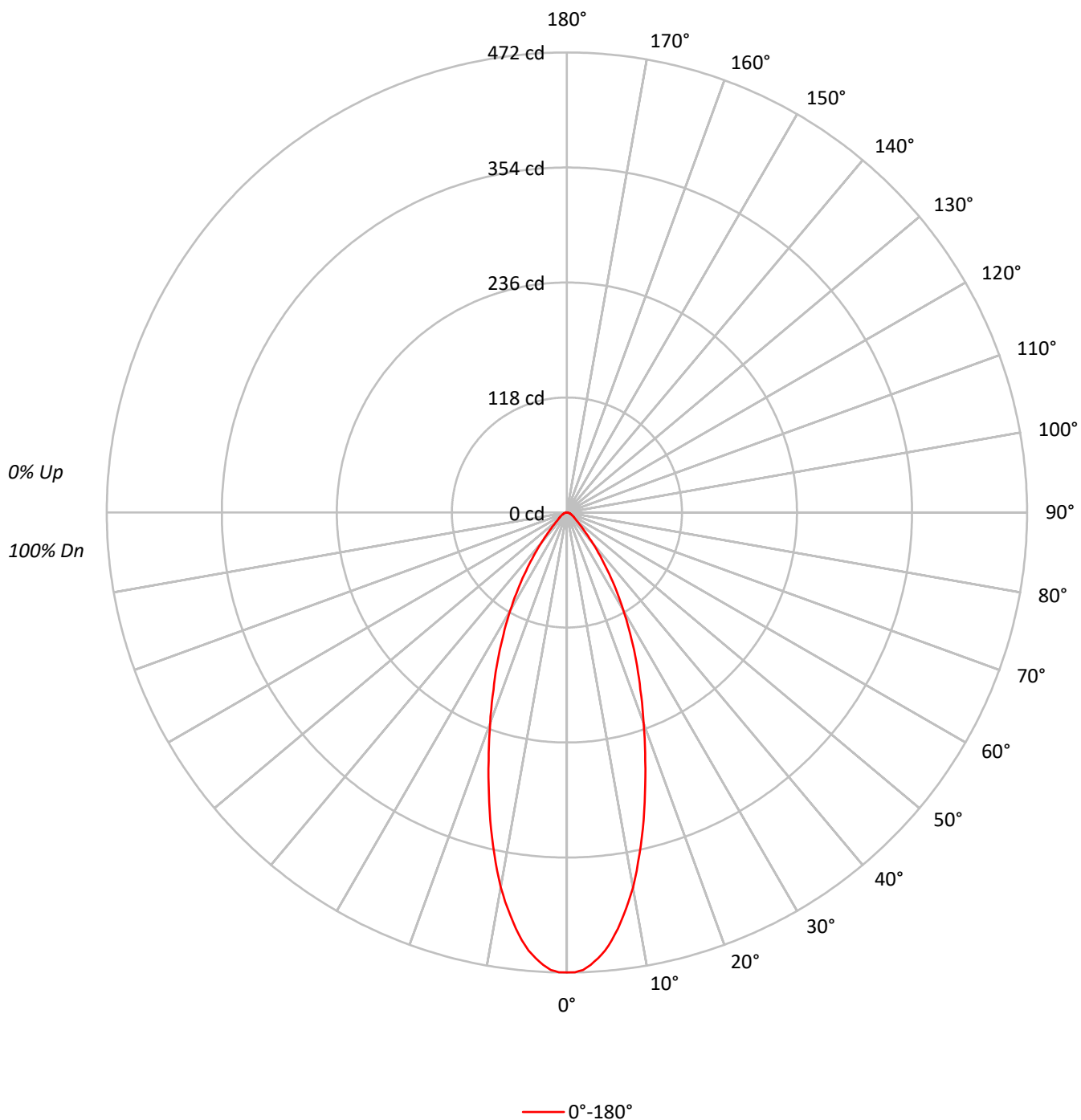
Lumens per Lamp: N/A  
Luminaire Lumens: 285.0 lumens  
Efficiency: N/A  
Efficacy: 19.5 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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  |     |     |  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 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 |  | 100 |
| 1   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 101 |  | 100 | 99  | 98  |  | 93  |
| 2   | 107 | 102 | 98  | 95  | 105 | 101 | 97  | 94  | 97  | 94  | 92  |  | 94  | 92  | 90  |  | 86  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 86  | 91  | 87  | 84  |  | 89  | 86  | 83  |  | 80  |
| 4   | 97  | 89  | 84  | 79  | 95  | 88  | 83  | 79  | 86  | 81  | 78  |  | 84  | 80  | 77  |  | 75  |
| 5   | 92  | 84  | 78  | 74  | 91  | 83  | 77  | 73  | 81  | 76  | 73  |  | 79  | 75  | 72  |  | 70  |
| 6   | 88  | 79  | 73  | 69  | 86  | 78  | 72  | 68  | 77  | 72  | 68  |  | 75  | 71  | 67  |  | 66  |
| 7   | 84  | 74  | 68  | 64  | 82  | 74  | 68  | 64  | 72  | 67  | 64  |  | 71  | 67  | 63  |  | 62  |
| 8   | 80  | 70  | 65  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  |  | 68  | 63  | 60  |  | 58  |
| 9   | 76  | 67  | 61  | 57  | 75  | 66  | 61  | 57  | 65  | 60  | 57  |  | 65  | 60  | 57  |  | 55  |
| 10  | 73  | 64  | 58  | 54  | 72  | 63  | 58  | 54  | 62  | 57  | 54  |  | 62  | 57  | 54  |  | 52  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 103479 |
| 5°  | 99273  |
| 10° | 86972  |
| 15° | 69898  |
| 20° | 53718  |
| 25° | 40648  |
| 30° | 29372  |
| 35° | 19515  |
| 40° | 11822  |
| 45° | 6884   |
| 50° | 4401   |
| 55° | 3555   |
| 60° | 3114   |
| 65° | 2750   |
| 70° | 2308   |
| 75° | 2288   |
| 80° | 1642   |
| 85° | 2264   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 6884 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 41.1   | 14.4      |
| 10°-20°   | 85.1   | 29.9      |
| 20°-30°   | 77.0   | 27.0      |
| 30°-40°   | 46.3   | 16.2      |
| 40°-50°   | 18.4   | 6.4       |
| 50°-60°   | 8.5    | 3.0       |
| 60°-70°   | 5.2    | 1.8       |
| 70°-80°   | 2.8    | 1.0       |
| 80°-90°   | 0.8    | 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°    | 203.2  | 71.3      |
| 0°-40°    | 249.4  | 87.5      |
| 0°-60°    | 276.3  | 97.0      |
| 0°-90°    | 285.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 285.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 472 |      |
| 5°  | 451 | 41   |
| 15° | 308 | 85   |
| 25° | 168 | 77   |
| 35° | 73  | 46   |
| 45° | 22  | 18   |
| 55° | 9   | 8    |
| 65° | 5   | 5    |
| 75° | 3   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 471.9 |
| 1°    | 471.9 |
| 2°    | 469.6 |
| 3°    | 464.8 |
| 4°    | 458.5 |
| 5°    | 451.0 |
| 6°    | 441.2 |
| 7°    | 430.1 |
| 8°    | 417.2 |
| 9°    | 404.3 |
| 10°   | 390.6 |
| 11°   | 374.6 |
| 12°   | 358.1 |
| 13°   | 341.7 |
| 14°   | 325.2 |
| 15°   | 307.9 |
| 17.5° | 267.0 |
| 20°   | 230.2 |
| 22.5° | 196.8 |
| 25°   | 168.0 |
| 27.5° | 140.8 |
| 30°   | 116.0 |
| 32.5° | 93.3  |
| 35°   | 72.9  |
| 37.5° | 55.5  |
| 40°   | 41.3  |
| 42.5° | 30.2  |
| 45°   | 22.2  |
| 47.5° | 16.9  |
| 50°   | 12.9  |
| 52.5° | 10.7  |
| 55°   | 9.3   |
| 57.5° | 8.0   |
| 60°   | 7.1   |
| 62.5° | 5.8   |
| 65°   | 5.3   |
| 67.5° | 4.4   |
| 70°   | 3.6   |
| 72.5° | 3.1   |
| 75°   | 2.7   |
| 77.5° | 2.2   |
| 80°   | 1.3   |
| 82.5° | 0.9   |
| 85°   | 0.9   |
| 87.5° | 0.4   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)