

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: P1248878

Luminaire Tested: P3AS09R359027DE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1248878  
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: P3AS09R359027DE010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

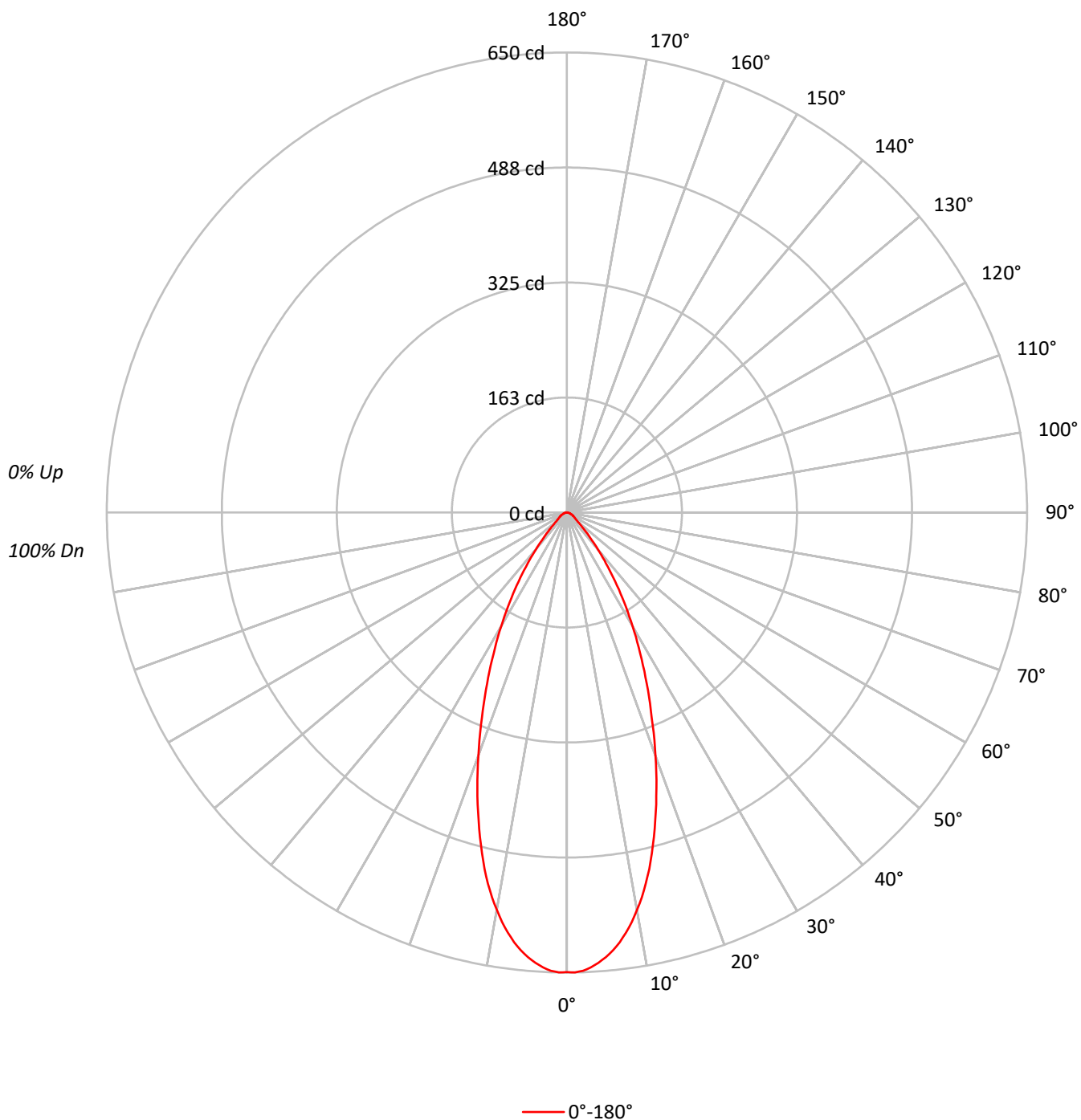
Lumens per Lamp: N/A  
Luminaire Lumens: 443.0 lumens  
Efficiency: N/A  
Efficacy: 39.9 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
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  |
| 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  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  |  | 94  | 92  | 89  |  | 91  |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  |  | 89  | 85  | 82  |  | 86  |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  |  | 84  | 80  | 77  |  | 82  |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  |  | 79  | 75  | 71  |  | 77  |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  |  | 75  | 70  | 67  |  | 73  |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  |  | 71  | 66  | 63  |  | 69  |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  |  | 67  | 62  | 59  |  | 66  |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  |  | 64  | 59  | 56  |  | 63  |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  |  | 61  | 56  | 53  |  | 60  |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 142401 |
| 5°  | 138873 |
| 10° | 126963 |
| 15° | 107765 |
| 20° | 85314  |
| 25° | 64528  |
| 30° | 46969  |
| 35° | 31775  |
| 40° | 19522  |
| 45° | 11226  |
| 50° | 6755   |
| 55° | 5467   |
| 60° | 4780   |
| 65° | 4255   |
| 70° | 3526   |
| 75° | 3474   |
| 80° | 3410   |
| 85° | 3522   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11226 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 58.3   | 13.2      |
| 10°-20°   | 130.9  | 29.5      |
| 20°-30°   | 122.4  | 27.6      |
| 30°-40°   | 74.9   | 16.9      |
| 40°-50°   | 29.5   | 6.7       |
| 50°-60°   | 13.0   | 2.9       |
| 60°-70°   | 8.1    | 1.8       |
| 70°-80°   | 4.3    | 1.0       |
| 80°-90°   | 1.5    | 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       |
| <hr/>     |        |           |
| 0°-30°    | 311.6  | 70.3      |
| 0°-40°    | 386.6  | 87.3      |
| 0°-60°    | 429.1  | 96.9      |
| 0°-90°    | 443.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 443.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 649 |      |
| 5°  | 631 | 58   |
| 15° | 475 | 131  |
| 25° | 267 | 122  |
| 35° | 119 | 75   |
| 45° | 36  | 30   |
| 55° | 14  | 13   |
| 65° | 8   | 8    |
| 75° | 4   | 4    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 649.4 |
| 1°    | 650.0 |
| 2°    | 648.0 |
| 3°    | 643.9 |
| 4°    | 637.8 |
| 5°    | 630.9 |
| 6°    | 622.1 |
| 7°    | 611.8 |
| 8°    | 599.6 |
| 9°    | 585.9 |
| 10°   | 570.2 |
| 11°   | 553.9 |
| 12°   | 536.1 |
| 13°   | 517.0 |
| 14°   | 495.9 |
| 15°   | 474.7 |
| 17.5° | 420.2 |
| 20°   | 365.6 |
| 22.5° | 313.1 |
| 25°   | 266.7 |
| 27.5° | 223.7 |
| 30°   | 185.5 |
| 32.5° | 150.1 |
| 35°   | 118.7 |
| 37.5° | 90.7  |
| 40°   | 68.2  |
| 42.5° | 49.1  |
| 45°   | 36.2  |
| 47.5° | 25.9  |
| 50°   | 19.8  |
| 52.5° | 16.4  |
| 55°   | 14.3  |
| 57.5° | 12.3  |
| 60°   | 10.9  |
| 62.5° | 9.5   |
| 65°   | 8.2   |
| 67.5° | 6.8   |
| 70°   | 5.5   |
| 72.5° | 4.8   |
| 75°   | 4.1   |
| 77.5° | 3.4   |
| 80°   | 2.7   |
| 82.5° | 2.0   |
| 85°   | 1.4   |
| 87.5° | 0.7   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)