

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: P1289173

Luminaire Tested: P3AS05R35W2N902750DE010 E3DLP1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1289173  
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: P3AS05R35W2N902750DE010 E3DLP1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

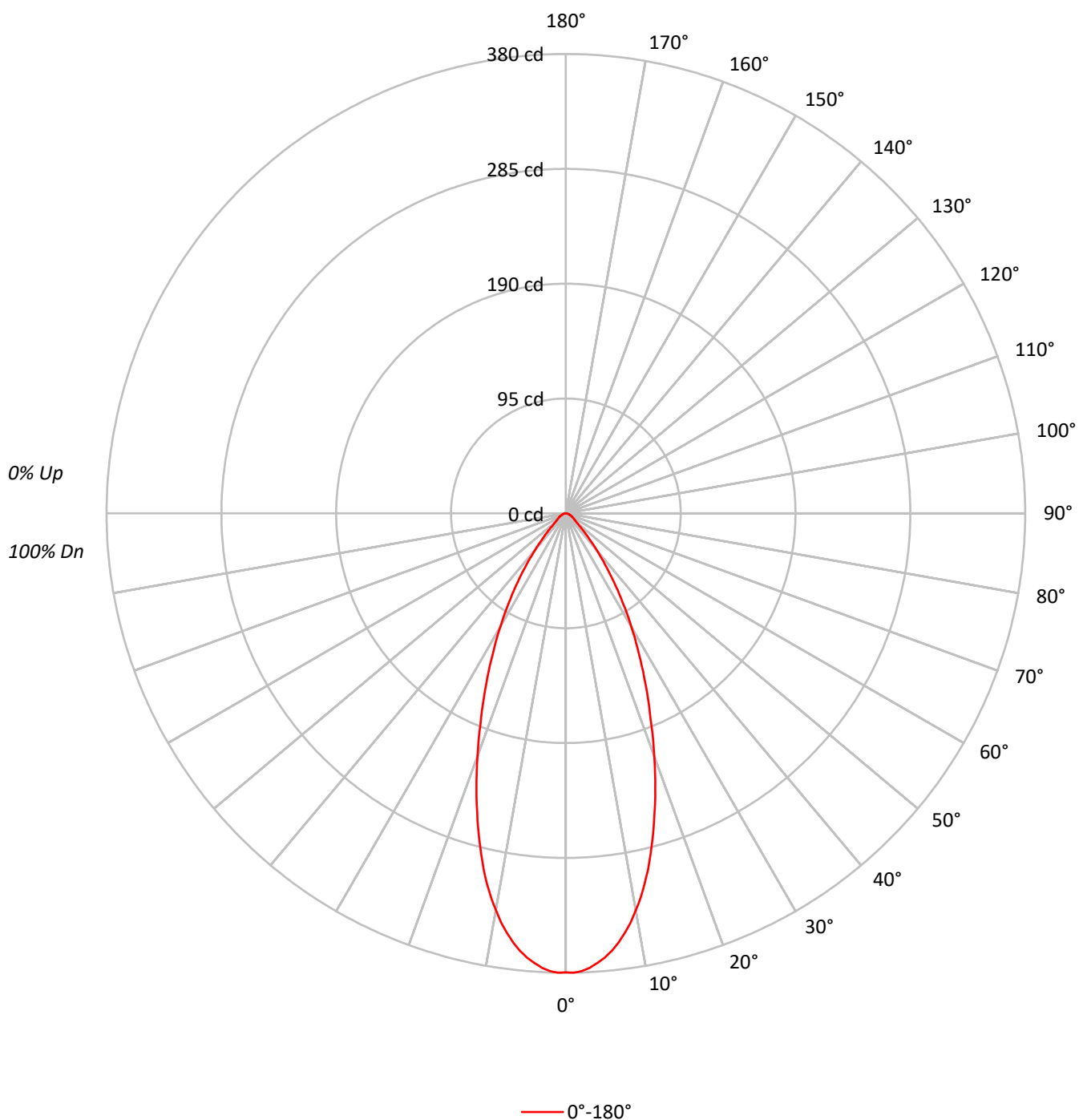
Lumens per Lamp: N/A  
Luminaire Lumens: 259.1 lumens  
Efficiency: N/A  
Efficacy: 43.9 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
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  | 80  | 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°  | 83239 |
| 5°  | 81202 |
| 10° | 74236 |
| 15° | 63020 |
| 20° | 49891 |
| 25° | 37720 |
| 30° | 27473 |
| 35° | 18578 |
| 40° | 11421 |
| 45° | 6543  |
| 50° | 3957  |
| 55° | 3211  |
| 60° | 2807  |
| 65° | 2491  |
| 70° | 2052  |
| 75° | 2033  |
| 80° | 2020  |
| 85° | 2013  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
Vertical Angle: 45°  
Luminance: 6543 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 34.1   | 13.2      |
| 10°-20°   | 76.5   | 29.5      |
| 20°-30°   | 71.6   | 27.6      |
| 30°-40°   | 43.8   | 16.9      |
| 40°-50°   | 17.3   | 6.7       |
| 50°-60°   | 7.6    | 2.9       |
| 60°-70°   | 4.7    | 1.8       |
| 70°-80°   | 2.5    | 1.0       |
| 80°-90°   | 0.9    | 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°    | 182.2  | 70.3      |
| 0°-40°    | 226.0  | 87.2      |
| 0°-60°    | 250.9  | 96.9      |
| 0°-90°    | 259.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 259.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 380 |      |
| 5°  | 369 | 34   |
| 15° | 278 | 77   |
| 25° | 156 | 72   |
| 35° | 69  | 44   |
| 45° | 21  | 17   |
| 55° | 8   | 8    |
| 65° | 5   | 5    |
| 75° | 2   | 3    |
| 85° | 1   | 1    |
| 90° | 0   |      |

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**CANDELA DISTRIBUTION (FULL):**

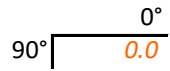
| 0°    |       |
|-------|-------|
| 0°    | 379.6 |
| 1°    | 380.0 |
| 2°    | 378.9 |
| 3°    | 376.5 |
| 4°    | 372.9 |
| 5°    | 368.9 |
| 6°    | 363.7 |
| 7°    | 357.7 |
| 8°    | 350.5 |
| 9°    | 342.6 |
| 10°   | 333.4 |
| 11°   | 323.8 |
| 12°   | 313.4 |
| 13°   | 302.3 |
| 14°   | 289.9 |
| 15°   | 277.6 |
| 17.5° | 245.7 |
| 20°   | 213.8 |
| 22.5° | 183.0 |
| 25°   | 155.9 |
| 27.5° | 130.8 |
| 30°   | 108.5 |
| 32.5° | 87.7  |
| 35°   | 69.4  |
| 37.5° | 53.0  |
| 40°   | 39.9  |
| 42.5° | 28.7  |
| 45°   | 21.1  |
| 47.5° | 15.2  |
| 50°   | 11.6  |
| 52.5° | 9.6   |
| 55°   | 8.4   |
| 57.5° | 7.2   |
| 60°   | 6.4   |
| 62.5° | 5.6   |
| 65°   | 4.8   |
| 67.5° | 4.0   |
| 70°   | 3.2   |
| 72.5° | 2.8   |
| 75°   | 2.4   |
| 77.5° | 2.0   |
| 80°   | 1.6   |
| 82.5° | 1.2   |
| 85°   | 0.8   |
| 87.5° | 0.4   |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)