

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: P1288013

Luminaire Tested: P3A05R15W2N902765DE010 E3DLD1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

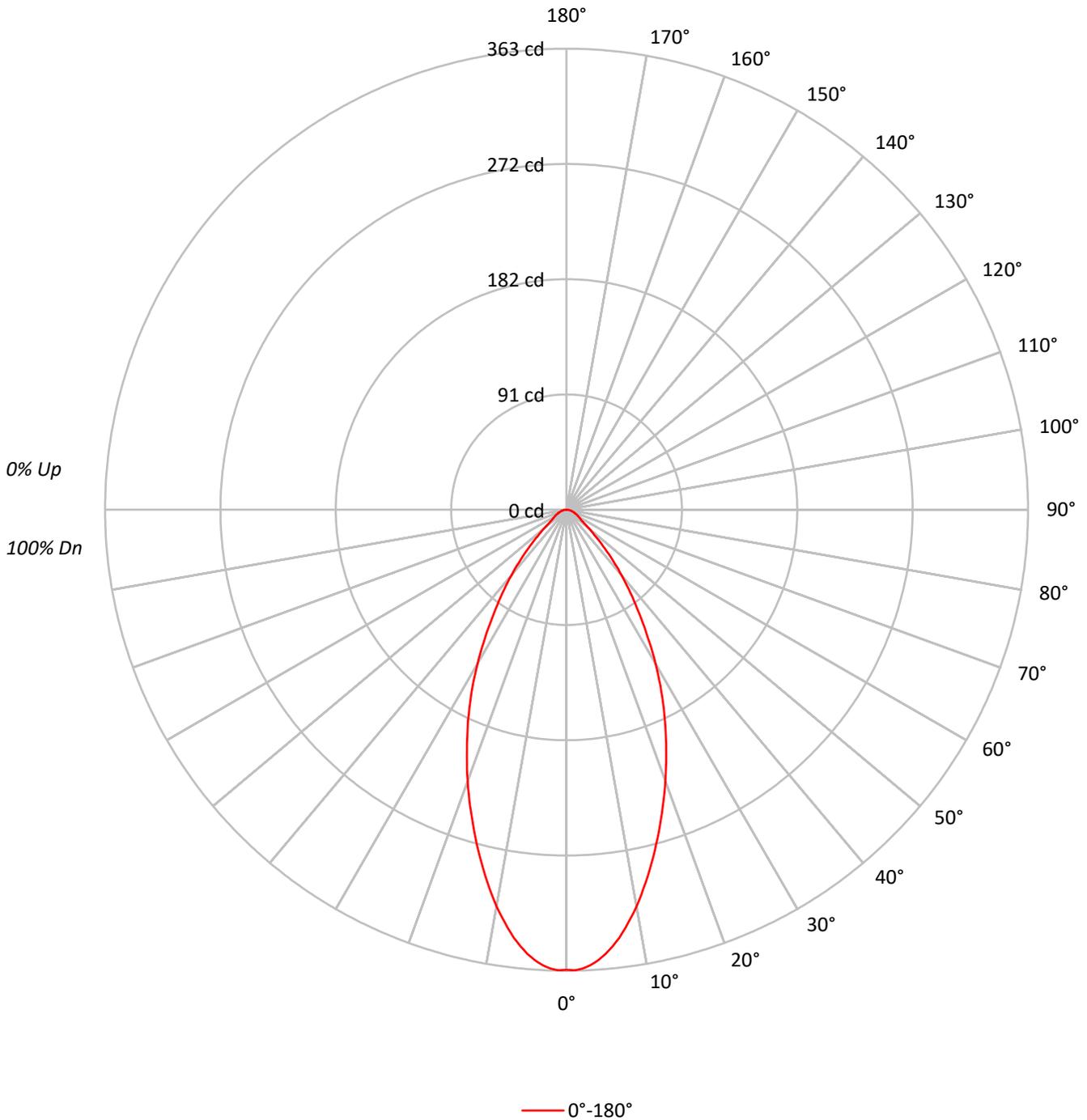
Test Method: LM-79-2019  
Report Number: P1288013  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R15W2N902765DE010 E3DLD1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 315.1 lumens  
Efficiency: N/A  
Efficacy: 53.4 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
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  |     |    | 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 |
| 1   | 113 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 95  | 93  | 91  |    |    | 91  |
| 2   | 106 | 100 | 96  | 92  | 104 | 99  | 95  | 91  | 95  | 92  | 89  | 92  | 90  | 87  | 90  | 87  | 85  | 83  |    |    | 83  |
| 3   | 100 | 93  | 87  | 83  | 98  | 91  | 86  | 82  | 89  | 84  | 81  | 86  | 82  | 79  | 84  | 81  | 78  | 76  |    |    | 76  |
| 4   | 94  | 86  | 80  | 75  | 92  | 85  | 79  | 74  | 82  | 77  | 73  | 80  | 76  | 73  | 78  | 75  | 72  | 70  |    |    | 70  |
| 5   | 89  | 80  | 73  | 68  | 87  | 79  | 73  | 68  | 77  | 72  | 67  | 75  | 70  | 67  | 74  | 69  | 66  | 65  |    |    | 65  |
| 6   | 84  | 74  | 68  | 63  | 83  | 73  | 67  | 63  | 72  | 66  | 62  | 70  | 66  | 62  | 69  | 65  | 61  | 60  |    |    | 60  |
| 7   | 80  | 69  | 63  | 58  | 78  | 69  | 63  | 58  | 67  | 62  | 58  | 66  | 61  | 57  | 65  | 61  | 57  | 56  |    |    | 56  |
| 8   | 76  | 65  | 59  | 54  | 74  | 65  | 58  | 54  | 63  | 58  | 54  | 62  | 57  | 54  | 61  | 57  | 53  | 52  |    |    | 52  |
| 9   | 72  | 61  | 55  | 51  | 71  | 61  | 55  | 51  | 60  | 54  | 50  | 59  | 54  | 50  | 58  | 53  | 50  | 49  |    |    | 49  |
| 10  | 68  | 58  | 52  | 48  | 67  | 57  | 51  | 47  | 57  | 51  | 47  | 56  | 51  | 47  | 55  | 50  | 47  | 46  |    |    | 46  |

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

|     |       |
|-----|-------|
|     | 0°    |
| 0°  | 79445 |
| 5°  | 77306 |
| 10° | 70629 |
| 15° | 61885 |
| 20° | 53088 |
| 25° | 44325 |
| 30° | 35474 |
| 35° | 26609 |
| 40° | 19293 |
| 45° | 12621 |
| 50° | 7880  |
| 55° | 5352  |
| 60° | 4736  |
| 65° | 4358  |
| 70° | 4103  |
| 75° | 3728  |
| 80° | 3536  |
| 85° | 3019  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12621 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.4   | 10.3      |
| 10°-20°   | 75.9   | 24.1      |
| 20°-30°   | 83.7   | 26.6      |
| 30°-40°   | 62.7   | 19.9      |
| 40°-50°   | 32.5   | 10.3      |
| 50°-60°   | 13.5   | 4.3       |
| 60°-70°   | 8.4    | 2.7       |
| 70°-80°   | 4.7    | 1.5       |
| 80°-90°   | 1.4    | 0.4       |
| 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°    | 192.0  | 61.0      |
| 0°-40°    | 254.7  | 80.8      |
| 0°-60°    | 300.6  | 95.4      |
| 0°-90°    | 315.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 315.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 362 |      |
| 5°  | 351 | 32   |
| 15° | 273 | 76   |
| 25° | 183 | 84   |
| 35° | 99  | 63   |
| 45° | 41  | 32   |
| 55° | 14  | 13   |
| 65° | 8   | 8    |
| 75° | 4   | 5    |
| 85° | 1   | 1    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 362.3 |
| 1°    | 362.7 |
| 2°    | 361.5 |
| 3°    | 359.1 |
| 4°    | 355.6 |
| 5°    | 351.2 |
| 6°    | 345.6 |
| 7°    | 339.6 |
| 8°    | 332.4 |
| 9°    | 324.8 |
| 10°   | 317.2 |
| 12.5° | 295.3 |
| 15°   | 272.6 |
| 17.5° | 249.8 |
| 20°   | 227.5 |
| 22.5° | 204.7 |
| 25°   | 183.2 |
| 27.5° | 161.6 |
| 30°   | 140.1 |
| 32.5° | 118.9 |
| 35°   | 99.4  |
| 37.5° | 82.6  |
| 40°   | 67.4  |
| 42.5° | 53.5  |
| 45°   | 40.7  |
| 47.5° | 30.7  |
| 50°   | 23.1  |
| 52.5° | 17.2  |
| 55°   | 14.0  |
| 57.5° | 12.4  |
| 60°   | 10.8  |
| 62.5° | 9.6   |
| 65°   | 8.4   |
| 67.5° | 7.2   |
| 70°   | 6.4   |
| 72.5° | 5.2   |
| 75°   | 4.4   |
| 77.5° | 3.6   |
| 80°   | 2.8   |
| 82.5° | 2.0   |
| 85°   | 1.2   |
| 87.5° | 0.4   |
| 90°   | 0.0   |

(END OF REPORT)