

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: P1300564

Luminaire Tested: P3AS17R35W2N902750DE010 E3DLP1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

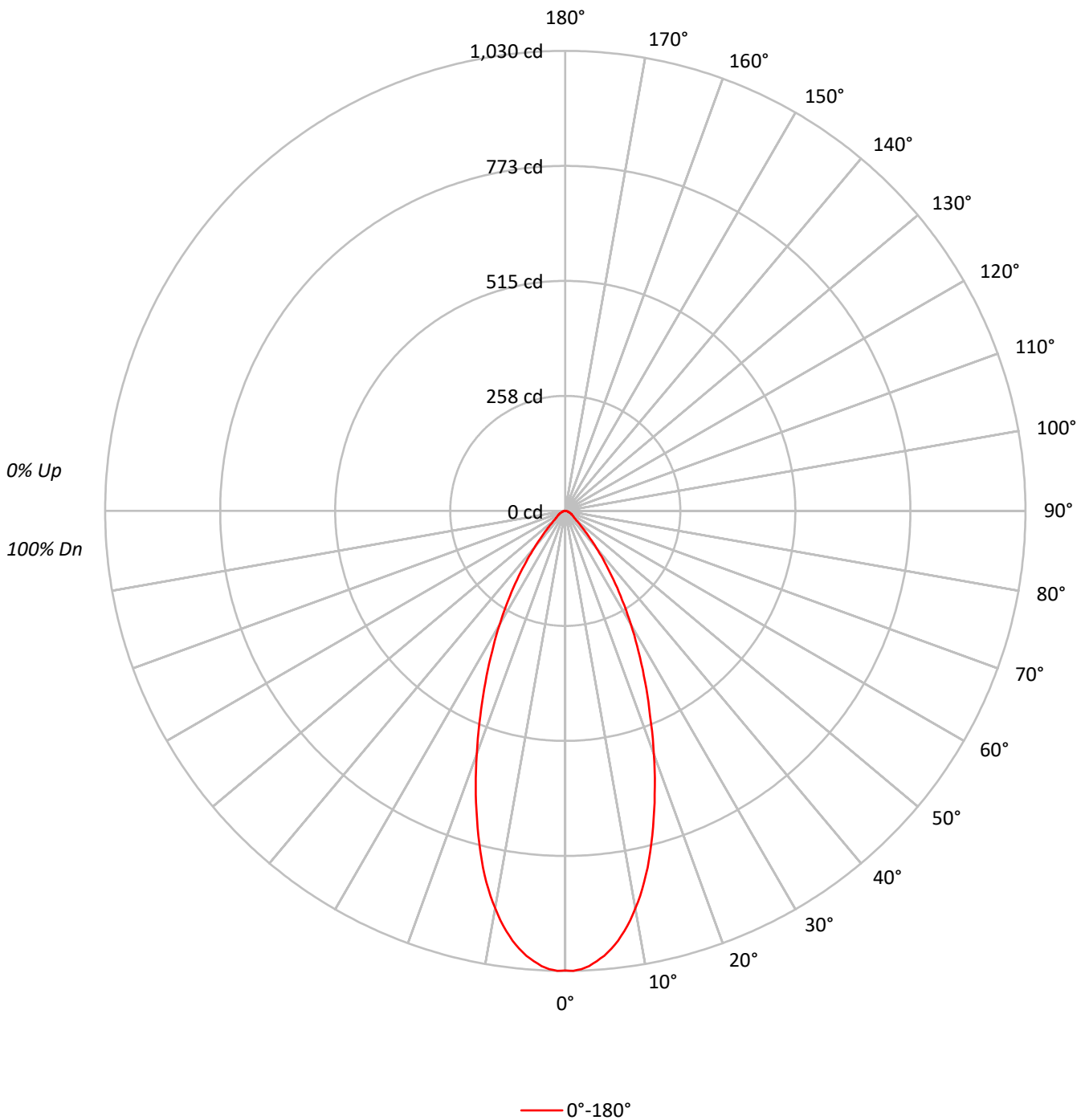
Test Method: LM-79-2019  
Report Number: P1300564  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R35W2N902750DE010 E3DLP1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 702.0 lumens  
Efficiency: N/A  
Efficacy: 36.2 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): 19.4  
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 |    |    |   |
| 1   | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99  | 97  | 97  | 96  | 95  | 93  |    |    |   |
| 2   | 107 | 102 | 98  | 94  | 105 | 100 | 97  | 93  | 97  | 94  | 91  | 94  | 92  | 89  | 91  | 89  | 87  | 86  |    |    |   |
| 3   | 102 | 95  | 90  | 86  | 100 | 94  | 89  | 85  | 91  | 87  | 84  | 89  | 85  | 82  | 86  | 84  | 81  | 80  |    |    |   |
| 4   | 97  | 89  | 83  | 79  | 95  | 88  | 82  | 78  | 86  | 81  | 77  | 84  | 80  | 77  | 82  | 78  | 76  | 74  |    |    |   |
| 5   | 92  | 83  | 77  | 73  | 90  | 82  | 77  | 73  | 81  | 76  | 72  | 79  | 75  | 71  | 77  | 74  | 71  | 69  |    |    |   |
| 6   | 87  | 78  | 72  | 68  | 86  | 77  | 72  | 68  | 76  | 71  | 67  | 75  | 70  | 67  | 73  | 69  | 66  | 65  |    |    |   |
| 7   | 83  | 74  | 68  | 63  | 82  | 73  | 67  | 63  | 72  | 67  | 63  | 71  | 66  | 63  | 69  | 65  | 62  | 61  |    |    |   |
| 8   | 79  | 70  | 64  | 60  | 78  | 69  | 63  | 59  | 68  | 63  | 59  | 67  | 62  | 59  | 66  | 62  | 59  | 57  |    |    |   |
| 9   | 76  | 66  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  | 64  | 59  | 56  | 63  | 59  | 56  | 54  |    |    |   |
| 10  | 72  | 63  | 57  | 53  | 71  | 62  | 57  | 53  | 61  | 56  | 53  | 61  | 56  | 53  | 60  | 56  | 53  | 51  |    |    |   |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 225640 |
| 5°  | 220074 |
| 10° | 201199 |
| 15° | 170784 |
| 20° | 135205 |
| 25° | 102248 |
| 30° | 74442  |
| 35° | 50353  |
| 40° | 30944  |
| 45° | 17769  |
| 50° | 10678  |
| 55° | 8678   |
| 60° | 7587   |
| 65° | 6745   |
| 70° | 5514   |
| 75° | 5507   |
| 80° | 5430   |
| 85° | 5535   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17769 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.4   | 13.2      |
| 10°-20°   | 207.4  | 29.5      |
| 20°-30°   | 194.0  | 27.6      |
| 30°-40°   | 118.8  | 16.9      |
| 40°-50°   | 46.8   | 6.7       |
| 50°-60°   | 20.6   | 2.9       |
| 60°-70°   | 12.8   | 1.8       |
| 70°-80°   | 6.8    | 1.0       |
| 80°-90°   | 2.4    | 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°    | 493.8  | 70.3      |
| 0°-40°    | 612.6  | 87.3      |
| 0°-60°    | 680.0  | 96.9      |
| 0°-90°    | 702.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 702.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1029 |      |
| 5°  | 1000 | 92   |
| 15° | 752  | 207  |
| 25° | 423  | 194  |
| 35° | 188  | 119  |
| 45° | 57   | 47   |
| 55° | 23   | 21   |
| 65° | 13   | 13   |
| 75° | 6    | 7    |
| 85° | 2    | 2    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1029.0 |
| 1°    | 1030.1 |
| 2°    | 1026.8 |
| 3°    | 1020.4 |
| 4°    | 1010.6 |
| 5°    | 999.8  |
| 6°    | 985.8  |
| 7°    | 969.6  |
| 8°    | 950.1  |
| 9°    | 928.5  |
| 10°   | 903.6  |
| 11°   | 877.7  |
| 12°   | 849.6  |
| 13°   | 819.3  |
| 14°   | 785.8  |
| 15°   | 752.3  |
| 17.5° | 665.8  |
| 20°   | 579.4  |
| 22.5° | 496.1  |
| 25°   | 422.6  |
| 27.5° | 354.5  |
| 30°   | 294.0  |
| 32.5° | 237.8  |
| 35°   | 188.1  |
| 37.5° | 143.8  |
| 40°   | 108.1  |
| 42.5° | 77.8   |
| 45°   | 57.3   |
| 47.5° | 41.1   |
| 50°   | 31.3   |
| 52.5° | 25.9   |
| 55°   | 22.7   |
| 57.5° | 19.5   |
| 60°   | 17.3   |
| 62.5° | 15.1   |
| 65°   | 13.0   |
| 67.5° | 10.8   |
| 70°   | 8.6    |
| 72.5° | 7.6    |
| 75°   | 6.5    |
| 77.5° | 5.4    |
| 80°   | 4.3    |
| 82.5° | 3.2    |
| 85°   | 2.2    |
| 87.5° | 1.1    |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)