

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: P1302594

Luminaire Tested: P3AS17R65W2N902765DE010 E3DLP1H\_3500K

Issue Date: 1/30/2026

**Test Information**

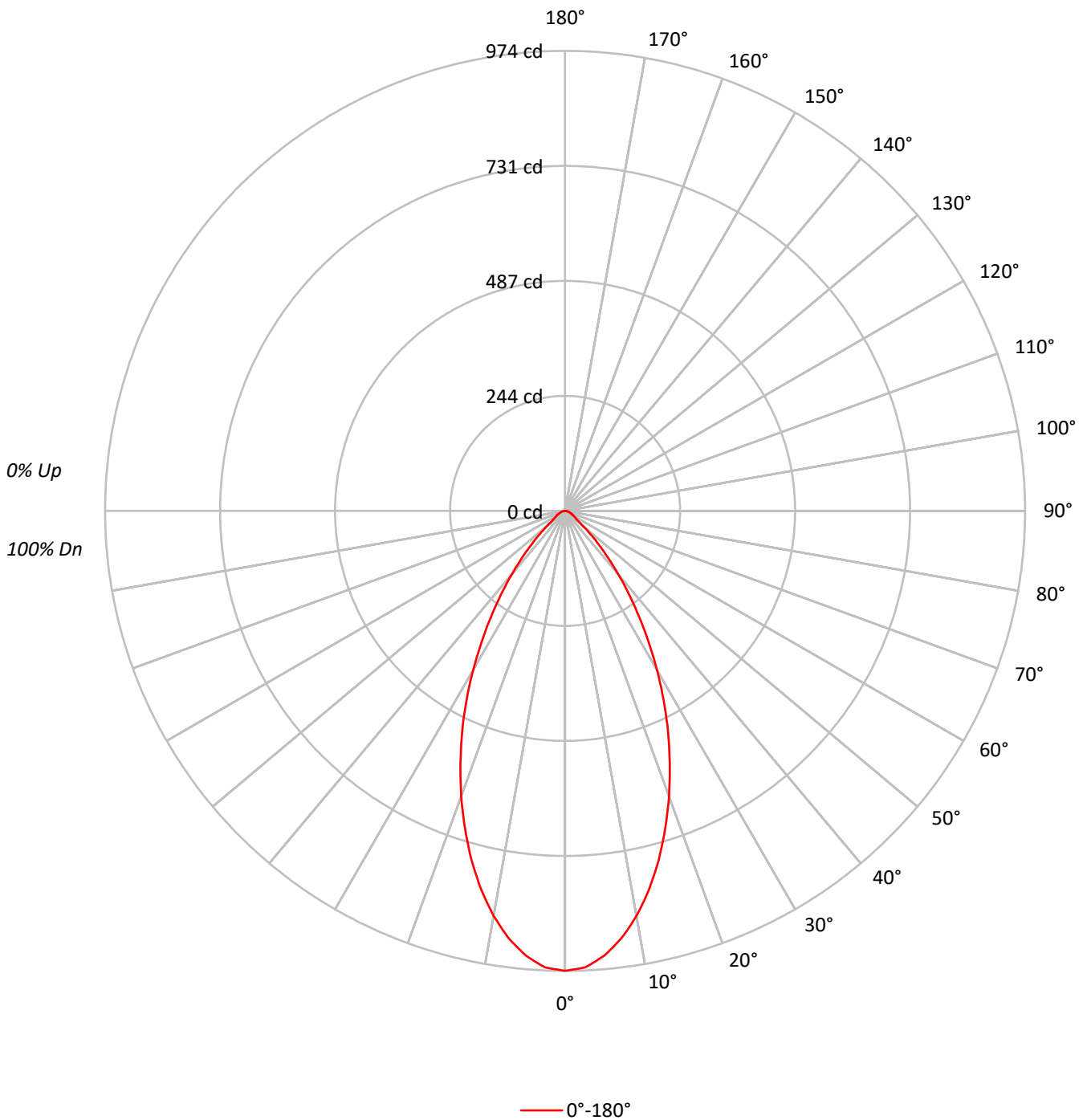
Test Method: LM-79-2019  
Report Number: P1302594  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902765DE010 E3DLP1H\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,  
E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 840.0 lumens  
Efficiency: N/A  
Efficacy: 43.3 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98  | 97  | 96  | 95  | 94  | 92  |    |    |   |
| 2   | 107 | 101 | 97  | 93  | 104 | 100 | 96  | 92  | 96  | 93  | 90  | 93  | 91  | 88  | 90  | 88  | 86  | 85  |    |    |   |
| 3   | 101 | 94  | 88  | 84  | 99  | 92  | 87  | 83  | 90  | 85  | 82  | 87  | 84  | 81  | 85  | 82  | 79  | 78  |    |    |   |
| 4   | 95  | 87  | 81  | 76  | 93  | 86  | 80  | 76  | 84  | 79  | 75  | 82  | 78  | 74  | 80  | 76  | 73  | 72  |    |    |   |
| 5   | 90  | 81  | 75  | 70  | 88  | 80  | 74  | 70  | 78  | 73  | 69  | 77  | 72  | 69  | 75  | 71  | 68  | 66  |    |    |   |
| 6   | 85  | 76  | 69  | 65  | 84  | 75  | 69  | 65  | 73  | 68  | 64  | 72  | 67  | 64  | 71  | 66  | 63  | 62  |    |    |   |
| 7   | 81  | 71  | 65  | 60  | 79  | 70  | 64  | 60  | 69  | 64  | 60  | 68  | 63  | 59  | 67  | 62  | 59  | 57  |    |    |   |
| 8   | 77  | 67  | 60  | 56  | 75  | 66  | 60  | 56  | 65  | 59  | 56  | 64  | 59  | 55  | 63  | 58  | 55  | 54  |    |    |   |
| 9   | 73  | 63  | 57  | 52  | 72  | 62  | 56  | 52  | 61  | 56  | 52  | 60  | 55  | 52  | 59  | 55  | 52  | 50  |    |    |   |
| 10  | 69  | 59  | 53  | 49  | 68  | 59  | 53  | 49  | 58  | 53  | 49  | 57  | 52  | 49  | 56  | 52  | 49  | 47  |    |    |   |

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

|     |        |
|-----|--------|
|     | 0°     |
| 0°  | 213514 |
| 5°  | 208188 |
| 10° | 193895 |
| 15° | 173758 |
| 20° | 150070 |
| 25° | 124822 |
| 30° | 98446  |
| 35° | 72946  |
| 40° | 50266  |
| 45° | 31166  |
| 50° | 16955  |
| 55° | 10666  |
| 60° | 9034   |
| 65° | 8146   |
| 70° | 6988   |
| 75° | 6185   |
| 80° | 6061   |
| 85° | 6038   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 31166 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 87.9   | 10.5      |
| 10°-20°   | 212.7  | 25.3      |
| 20°-30°   | 235.2  | 28.0      |
| 30°-40°   | 170.9  | 20.3      |
| 40°-50°   | 80.0   | 9.5       |
| 50°-60°   | 27.0   | 3.2       |
| 60°-70°   | 15.6   | 1.9       |
| 70°-80°   | 8.2    | 1.0       |
| 80°-90°   | 2.6    | 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°    | 535.8  | 63.8      |
| 0°-40°    | 706.7  | 84.1      |
| 0°-60°    | 813.7  | 96.9      |
| 0°-90°    | 840.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 840.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 974 |      |
| 5°  | 946 | 88   |
| 15° | 765 | 213  |
| 25° | 516 | 235  |
| 35° | 272 | 171  |
| 45° | 100 | 80   |
| 55° | 28  | 27   |
| 65° | 16  | 16   |
| 75° | 7   | 8    |
| 85° | 2   | 3    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 973.7 |
| 2.5°  | 967.6 |
| 5°    | 945.8 |
| 7.5°  | 913.1 |
| 10°   | 870.8 |
| 12.5° | 821.1 |
| 15°   | 765.4 |
| 17.5° | 704.8 |
| 20°   | 643.1 |
| 22.5° | 578.9 |
| 25°   | 515.9 |
| 27.5° | 451.7 |
| 30°   | 388.8 |
| 32.5° | 328.2 |
| 35°   | 272.5 |
| 37.5° | 221.6 |
| 40°   | 175.6 |
| 42.5° | 134.4 |
| 45°   | 100.5 |
| 47.5° | 72.7  |
| 50°   | 49.7  |
| 52.5° | 33.9  |
| 55°   | 27.9  |
| 57.5° | 24.2  |
| 60°   | 20.6  |
| 62.5° | 18.2  |
| 65°   | 15.7  |
| 67.5° | 13.3  |
| 70°   | 10.9  |
| 72.5° | 9.7   |
| 75°   | 7.3   |
| 77.5° | 6.1   |
| 80°   | 4.8   |
| 82.5° | 3.6   |
| 85°   | 2.4   |
| 87.5° | 1.2   |
| 90°   | 0.0   |

(END OF REPORT)