

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: P1301660

Luminaire Tested: P3AS17R50W2N902765DE010 E3DLP1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

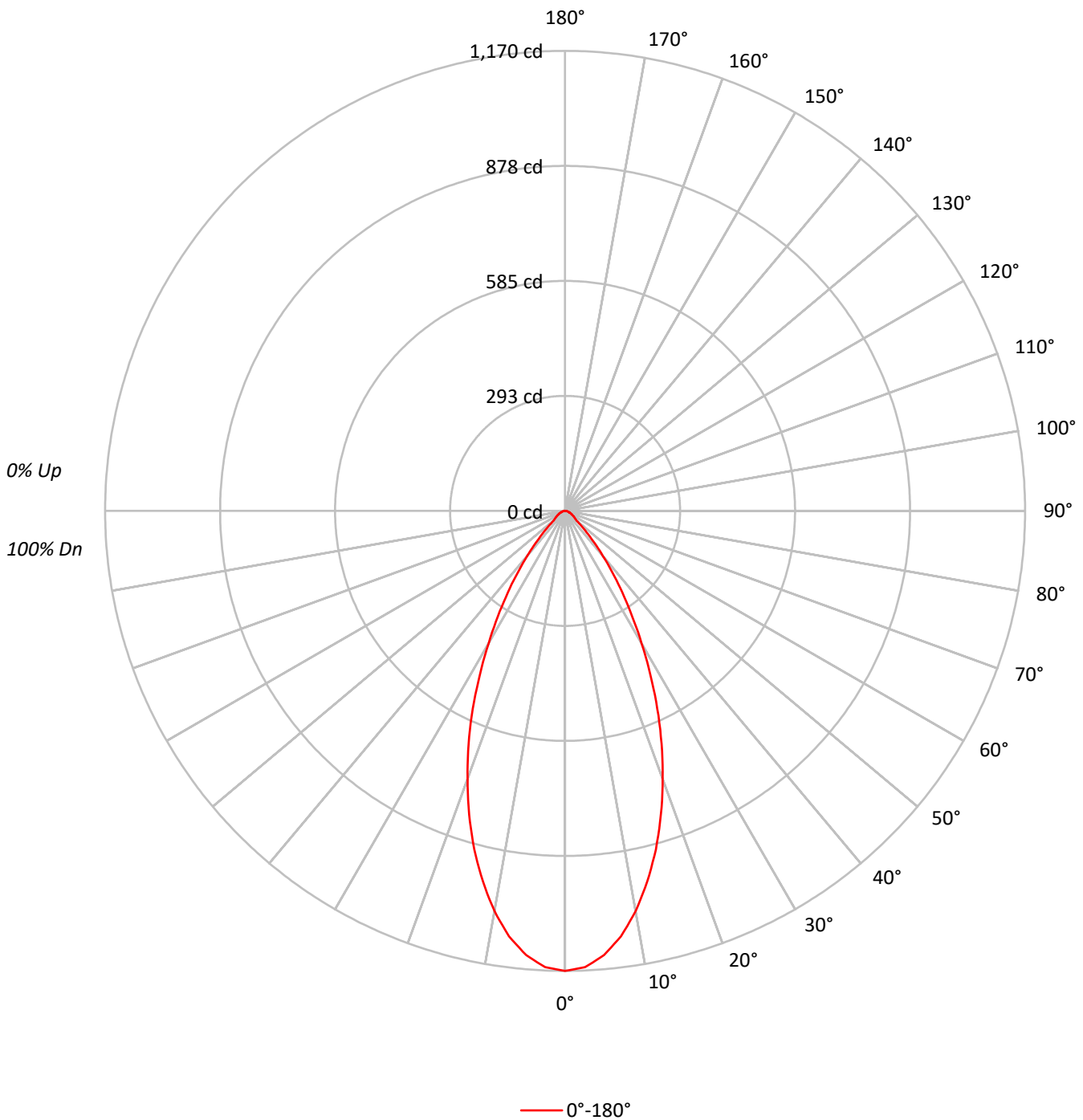
Test Method: LM-79-2019  
Report Number: P1301660  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R50W2N902765DE010 E3DLP1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 882.0 lumens  
Efficiency: N/A  
Efficacy: 45.5 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
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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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 105.1  | 11.9      |
| 10°-20°   | 247.0  | 28.0      |
| 20°-30°   | 252.6  | 28.6      |
| 30°-40°   | 160.2  | 18.2      |
| 40°-50°   | 63.7   | 7.2       |
| 50°-60°   | 25.8   | 2.9       |
| 60°-70°   | 16.5   | 1.9       |
| 70°-80°   | 8.5    | 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°    | 604.6  | 68.6      |
| 0°-40°    | 764.8  | 86.7      |
| 0°-60°    | 854.4  | 96.9      |
| 0°-90°    | 882.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 882.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1170 |      |
| 5°  | 1134 | 105  |
| 15° | 892  | 247  |
| 25° | 555  | 253  |
| 35° | 253  | 160  |
| 45° | 78   | 64   |
| 55° | 29   | 26   |
| 65° | 17   | 17   |
| 75° | 8    | 9    |
| 85° | 2    | 3    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1169.9 |
| 2.5°  | 1161.5 |
| 5°    | 1134.0 |
| 7.5°  | 1091.1 |
| 10°   | 1033.8 |
| 12.5° | 965.7  |
| 15°   | 891.7  |
| 17.5° | 810.5  |
| 20°   | 725.8  |
| 22.5° | 641.0  |
| 25°   | 555.1  |
| 27.5° | 469.1  |
| 30°   | 389.2  |
| 32.5° | 317.5  |
| 35°   | 253.1  |
| 37.5° | 198.2  |
| 40°   | 150.4  |
| 42.5° | 111.0  |
| 45°   | 77.6   |
| 47.5° | 52.5   |
| 50°   | 38.2   |
| 52.5° | 32.2   |
| 55°   | 28.6   |
| 57.5° | 25.1   |
| 60°   | 21.5   |
| 62.5° | 19.1   |
| 65°   | 16.7   |
| 67.5° | 14.3   |
| 70°   | 11.9   |
| 72.5° | 9.5    |
| 75°   | 8.4    |
| 77.5° | 6.0    |
| 80°   | 4.8    |
| 82.5° | 3.6    |
| 85°   | 2.4    |
| 87.5° | 1.2    |
| 90°   | 0.0    |

(END OF REPORT)