

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: P1292612

Luminaire Tested: P3AS09R30W2N902750DE010 E3DLD1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

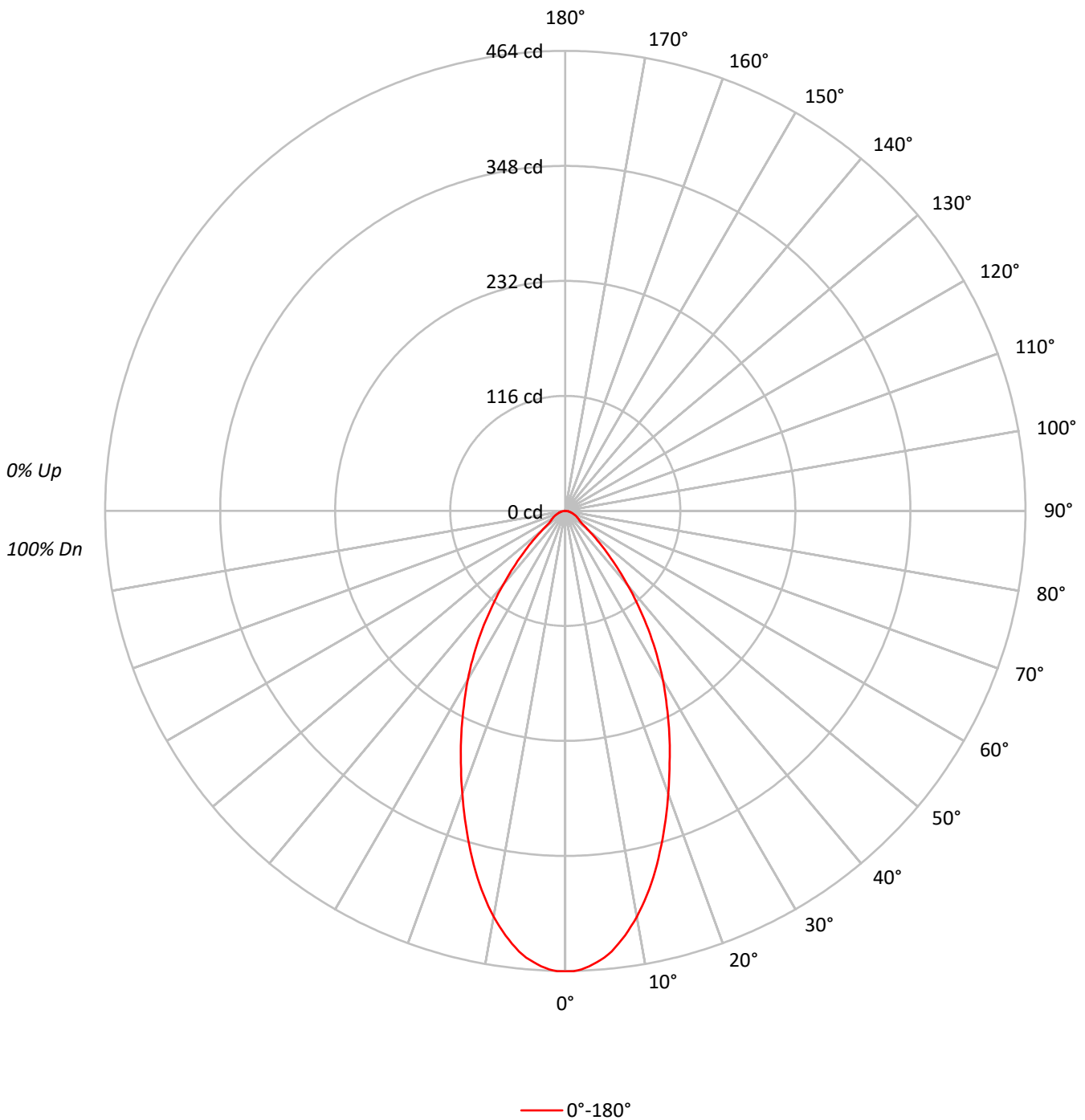
Test Method: LM-79-2019  
Report Number: P1292612  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30W2N902750DE010 E3DLD1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 431.0 lumens  
Efficiency: N/A  
Efficacy: 47.9 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 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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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 42.0   | 9.7       |
| 10°-20°   | 100.9  | 23.4      |
| 20°-30°   | 113.7  | 26.4      |
| 30°-40°   | 90.8   | 21.1      |
| 40°-50°   | 46.6   | 10.8      |
| 50°-60°   | 17.6   | 4.1       |
| 60°-70°   | 11.5   | 2.7       |
| 70°-80°   | 6.2    | 1.4       |
| 80°-90°   | 1.8    | 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°    | 256.5  | 59.5      |
| 0°-40°    | 347.3  | 80.6      |
| 0°-60°    | 411.5  | 95.5      |
| 0°-90°    | 431.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 431.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 464 |      |
| 5°  | 452 | 42   |
| 15° | 363 | 101  |
| 25° | 248 | 114  |
| 35° | 146 | 91   |
| 45° | 59  | 47   |
| 55° | 18  | 18   |
| 65° | 12  | 11   |
| 75° | 6   | 6    |
| 85° | 2   | 2    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |       |
|-------|-------|
| 0°    | 464.4 |
| 1°    | 464.4 |
| 2°    | 462.8 |
| 3°    | 460.1 |
| 4°    | 456.4 |
| 5°    | 452.2 |
| 6°    | 446.9 |
| 7°    | 440.0 |
| 8°    | 432.6 |
| 9°    | 424.2 |
| 10°   | 415.7 |
| 11°   | 406.2 |
| 12°   | 396.1 |
| 13°   | 385.6 |
| 14°   | 374.4 |
| 15°   | 362.8 |
| 17.5° | 333.2 |
| 20°   | 303.6 |
| 22.5° | 275.0 |
| 25°   | 248.0 |
| 27.5° | 221.6 |
| 30°   | 196.7 |
| 32.5° | 171.4 |
| 35°   | 146.0 |
| 37.5° | 121.1 |
| 40°   | 97.8  |
| 42.5° | 77.2  |
| 45°   | 59.2  |
| 47.5° | 43.9  |
| 50°   | 30.7  |
| 52.5° | 21.7  |
| 55°   | 18.0  |
| 57.5° | 16.4  |
| 60°   | 14.8  |
| 62.5° | 13.2  |
| 65°   | 11.6  |
| 67.5° | 10.0  |
| 70°   | 8.5   |
| 72.5° | 6.9   |
| 75°   | 5.8   |
| 77.5° | 4.8   |
| 80°   | 3.7   |
| 82.5° | 2.6   |
| 85°   | 1.6   |
| 87.5° | 0.5   |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)