

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: P1294298

Luminaire Tested: P3AS09R55W2N902765DE010 E3DL1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

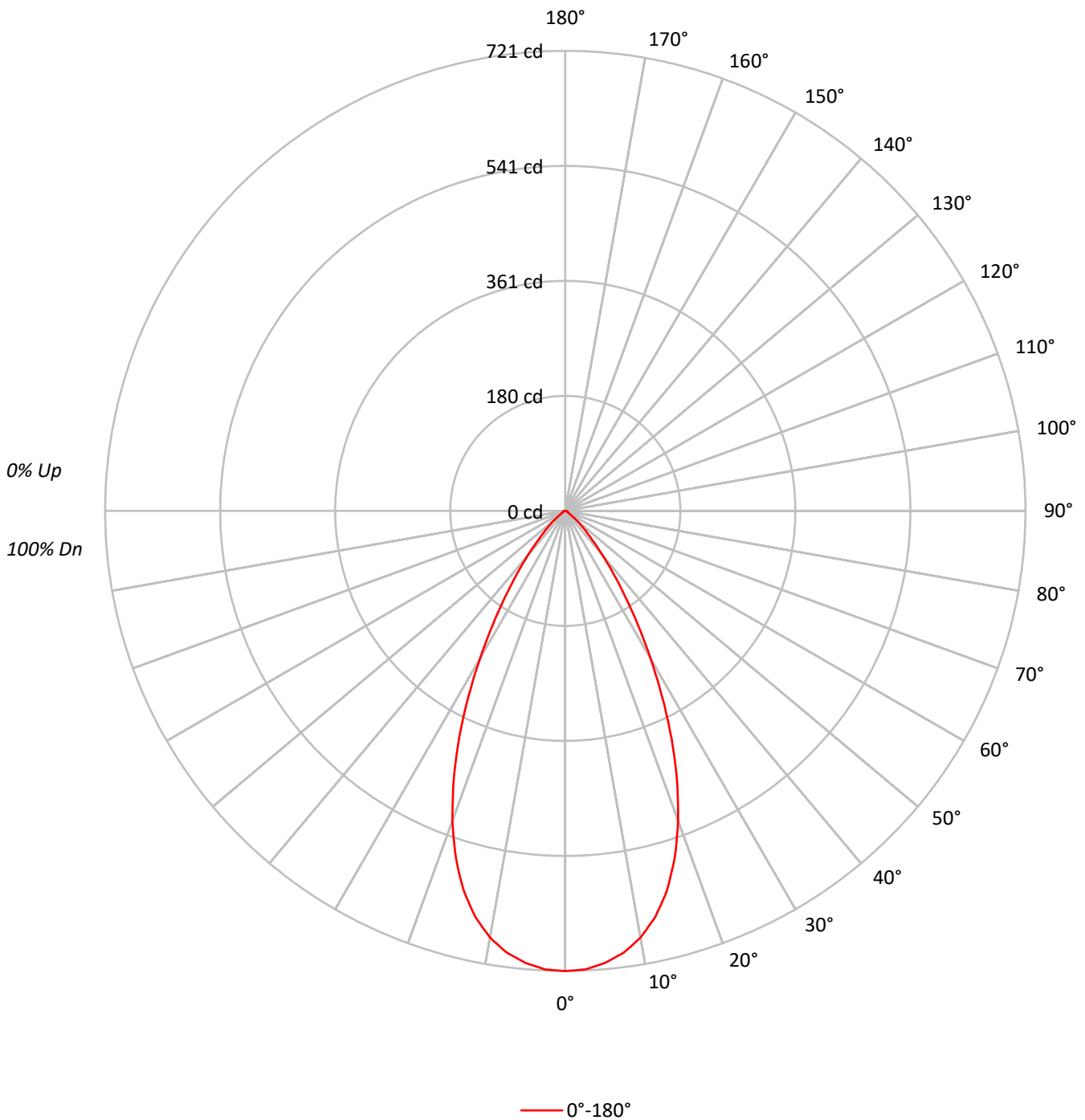
Test Method: LM-79-2019  
Report Number: P1294298  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902765DE010 E3DL1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,  
E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 576.0 lumens  
Efficiency: N/A  
Efficacy: 64.0 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81  
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°    | 66.9   | 11.6      |
| 10°-20°   | 170.2  | 29.6      |
| 20°-30°   | 178.4  | 31.0      |
| 30°-40°   | 104.1  | 18.1      |
| 40°-50°   | 38.9   | 6.8       |
| 50°-60°   | 9.2    | 1.6       |
| 60°-70°   | 4.7    | 0.8       |
| 70°-80°   | 2.8    | 0.5       |
| 80°-90°   | 0.8    | 0.1       |
| 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°    | 415.5  | 72.1      |
| 0°-40°    | 519.6  | 90.2      |
| 0°-60°    | 567.7  | 98.6      |
| 0°-90°    | 576.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 576.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 721 |      |
| 5°  | 711 | 67   |
| 15° | 616 | 170  |
| 25° | 394 | 178  |
| 35° | 163 | 104  |
| 45° | 48  | 39   |
| 55° | 7   | 9    |
| 65° | 5   | 5    |
| 75° | 3   | 3    |
| 85° | 0   | 1    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 721.3 |
| 2.5°  | 719.2 |
| 5°    | 711.3 |
| 7.5°  | 698.6 |
| 10°   | 679.0 |
| 12.5° | 651.5 |
| 15°   | 615.6 |
| 17.5° | 570.2 |
| 20°   | 516.8 |
| 22.5° | 457.1 |
| 25°   | 393.7 |
| 27.5° | 328.7 |
| 30°   | 266.9 |
| 32.5° | 210.8 |
| 35°   | 162.8 |
| 37.5° | 123.7 |
| 40°   | 91.4  |
| 42.5° | 65.5  |
| 45°   | 47.6  |
| 47.5° | 34.3  |
| 50°   | 23.3  |
| 52.5° | 13.2  |
| 55°   | 7.4   |
| 57.5° | 6.3   |
| 60°   | 5.8   |
| 62.5° | 5.3   |
| 65°   | 4.8   |
| 67.5° | 4.2   |
| 70°   | 3.7   |
| 72.5° | 3.2   |
| 75°   | 2.6   |
| 77.5° | 2.1   |
| 80°   | 1.6   |
| 82.5° | 1.1   |
| 85°   | 0.5   |
| 87.5° | 0.5   |
| 90°   | 0.0   |

(END OF REPORT)