

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: P1301425

Luminaire Tested: P3AS17R50W2N902750DE010 E3DL1WH\_5000K

Issue Date: 1/30/2026

**Test Information**

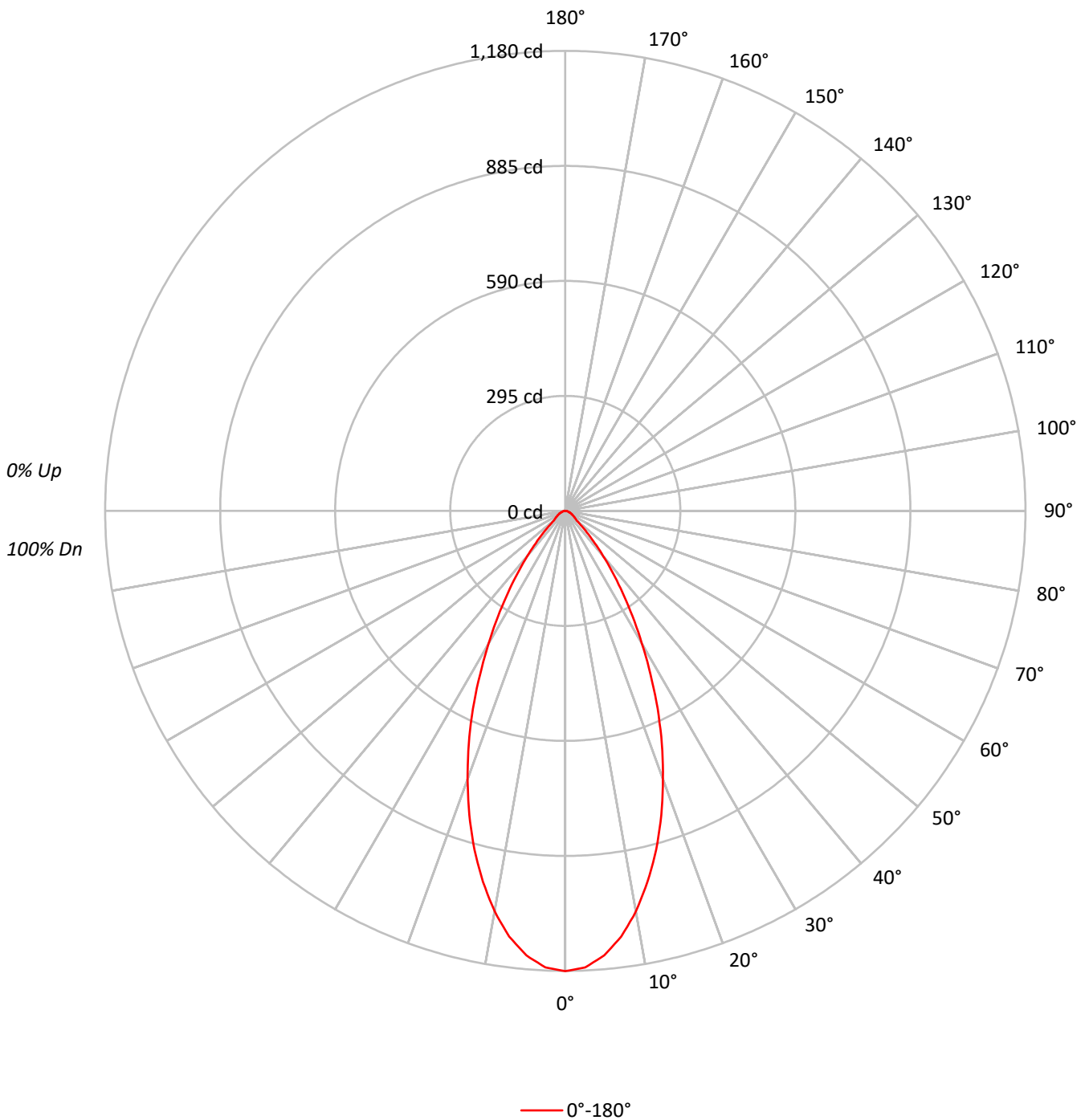
Test Method: LM-79-2019  
Report Number: P1301425  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R50W2N902750DE010 E3DL1WH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 890.0 lumens  
Efficiency: N/A  
Efficacy: 45.9 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

TEST NUMBER: P1301425  
CATALOG NUMBER: P3AS17R50W2N902750DE010 E3DL1WH\_5000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1301425

CATALOG NUMBER: P3AS17R50W2N902750DE010 E3DL1WH\_5000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 106.0  | 11.9      |
| 10°-20°   | 249.2  | 28.0      |
| 20°-30°   | 254.9  | 28.6      |
| 30°-40°   | 161.6  | 18.2      |
| 40°-50°   | 64.3   | 7.2       |
| 50°-60°   | 26.1   | 2.9       |
| 60°-70°   | 16.7   | 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°    | 610.1  | 68.6      |
| 0°-40°    | 771.8  | 86.7      |
| 0°-60°    | 862.1  | 96.9      |
| 0°-90°    | 890.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 890.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1180 |      |
| 5°  | 1144 | 106  |
| 15° | 900  | 249  |
| 25° | 560  | 255  |
| 35° | 255  | 162  |
| 45° | 78   | 64   |
| 55° | 29   | 26   |
| 65° | 17   | 17   |
| 75° | 8    | 9    |
| 85° | 2    | 3    |
| 90° | 0    |      |



TEST NUMBER: P1301425  
CATALOG NUMBER: P3AS17R50W2N902750DE010 E3DL1WH\_5000K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     |
|-------|--------|
| 0°    | 1180.5 |
| 2.5°  | 1172.0 |
| 5°    | 1144.3 |
| 7.5°  | 1101.0 |
| 10°   | 1043.1 |
| 12.5° | 974.5  |
| 15°   | 899.8  |
| 17.5° | 817.9  |
| 20°   | 732.4  |
| 22.5° | 646.8  |
| 25°   | 560.1  |
| 27.5° | 473.4  |
| 30°   | 392.7  |
| 32.5° | 320.4  |
| 35°   | 255.4  |
| 37.5° | 200.0  |
| 40°   | 151.8  |
| 42.5° | 112.0  |
| 45°   | 78.3   |
| 47.5° | 53.0   |
| 50°   | 38.5   |
| 52.5° | 32.5   |
| 55°   | 28.9   |
| 57.5° | 25.3   |
| 60°   | 21.7   |
| 62.5° | 19.3   |
| 65°   | 16.9   |
| 67.5° | 14.5   |
| 70°   | 12.0   |
| 72.5° | 9.6    |
| 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)