

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: P1294161

Luminaire Tested: P3AS09R55W2N902750DE010 E3DLD1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

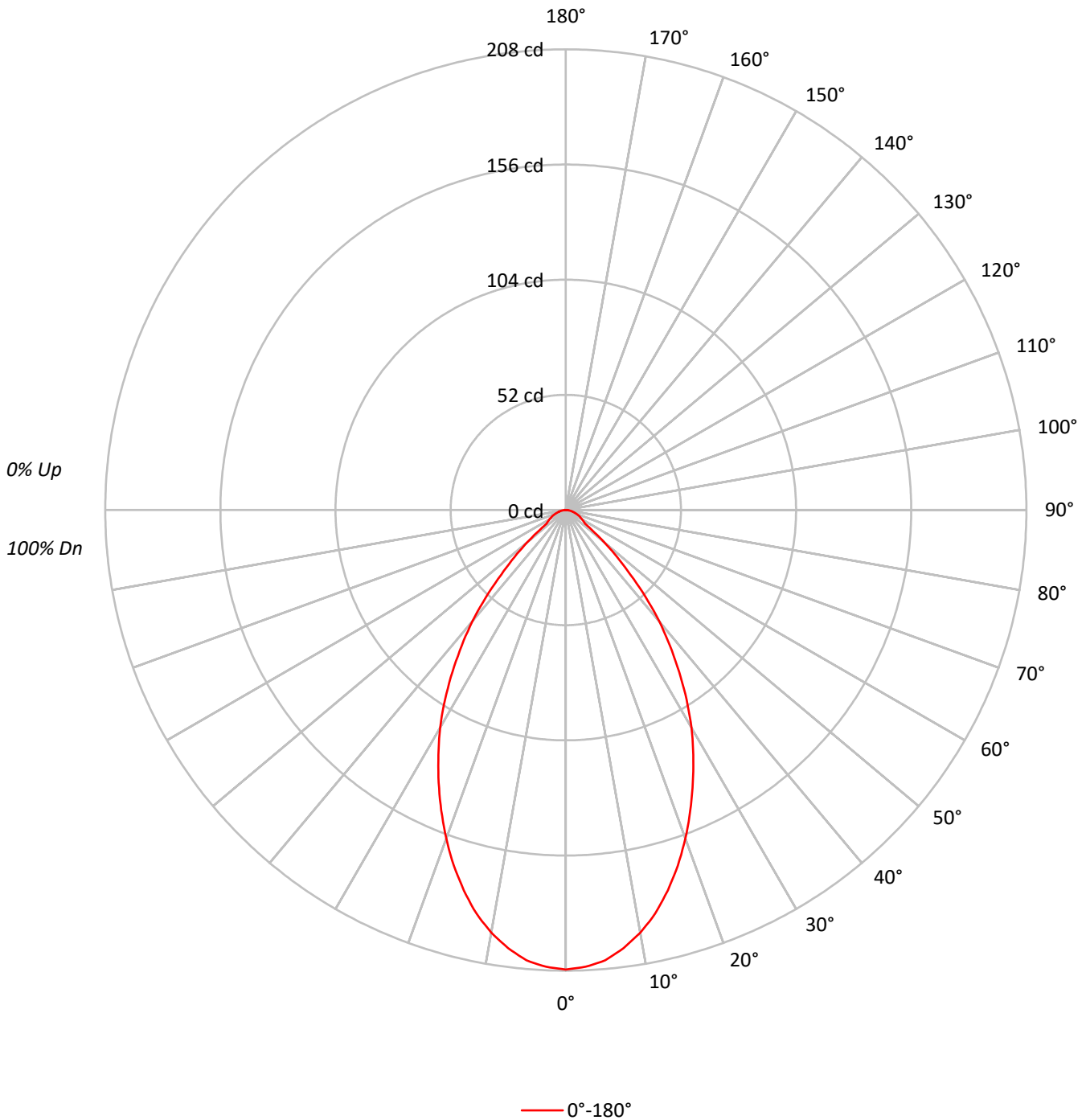
Test Method: LM-79-2019  
Report Number: P1294161  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902750DE010 E3DLD1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 242.0 lumens  
Efficiency: N/A  
Efficacy: 26.9 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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

TEST NUMBER: P1294161  
CATALOG NUMBER: P3AS09R55W2N902750DE010 E3DLD1GPH\_3000K

### Luminous Intensity Polar Plot







TEST NUMBER: P1294161

CATALOG NUMBER: P3AS09R55W2N902750DE010 E3DLD1GPH\_3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 19.1   | 7.9       |
| 10°-20°   | 49.7   | 20.5      |
| 20°-30°   | 62.2   | 25.7      |
| 30°-40°   | 55.6   | 23.0      |
| 40°-50°   | 32.5   | 13.4      |
| 50°-60°   | 11.2   | 4.6       |
| 60°-70°   | 6.8    | 2.8       |
| 70°-80°   | 3.8    | 1.6       |
| 80°-90°   | 1.1    | 0.5       |
| 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°    | 131.1  | 54.1      |
| 0°-40°    | 186.6  | 77.1      |
| 0°-60°    | 230.4  | 95.2      |
| 0°-90°    | 242.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 242.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 208 |      |
| 5°  | 204 | 19   |
| 15° | 178 | 50   |
| 25° | 136 | 62   |
| 35° | 89  | 56   |
| 45° | 41  | 33   |
| 55° | 11  | 11   |
| 65° | 7   | 7    |
| 75° | 3   | 4    |
| 85° | 1   | 1    |
| 90° | 0   |      |



TEST NUMBER: P1294161  
CATALOG NUMBER: P3AS09R55W2N902750DE010 E3DLD1GPH\_3000K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 207.5 |
| 2.5°  | 206.4 |
| 5°    | 204.1 |
| 7.5°  | 199.5 |
| 10°   | 193.8 |
| 12.5° | 186.6 |
| 15°   | 177.8 |
| 17.5° | 168.3 |
| 20°   | 157.8 |
| 22.5° | 146.9 |
| 25°   | 135.8 |
| 27.5° | 124.6 |
| 30°   | 113.5 |
| 32.5° | 101.5 |
| 35°   | 89.2  |
| 37.5° | 77.2  |
| 40°   | 65.7  |
| 42.5° | 53.4  |
| 45°   | 41.2  |
| 47.5° | 31.4  |
| 50°   | 22.9  |
| 52.5° | 14.9  |
| 55°   | 10.6  |
| 57.5° | 9.4   |
| 60°   | 8.6   |
| 62.5° | 7.7   |
| 65°   | 6.9   |
| 67.5° | 6.0   |
| 70°   | 5.1   |
| 72.5° | 4.3   |
| 75°   | 3.4   |
| 77.5° | 2.9   |
| 80°   | 2.3   |
| 82.5° | 1.4   |
| 85°   | 0.9   |
| 87.5° | 0.6   |
| 90°   | 0.0   |

(END OF REPORT)