

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: P1296324

Luminaire Tested: P3AS13R30W2N902750DE010 E3CD1MW\_3500K

Issue Date: 1/30/2026

**Test Information**

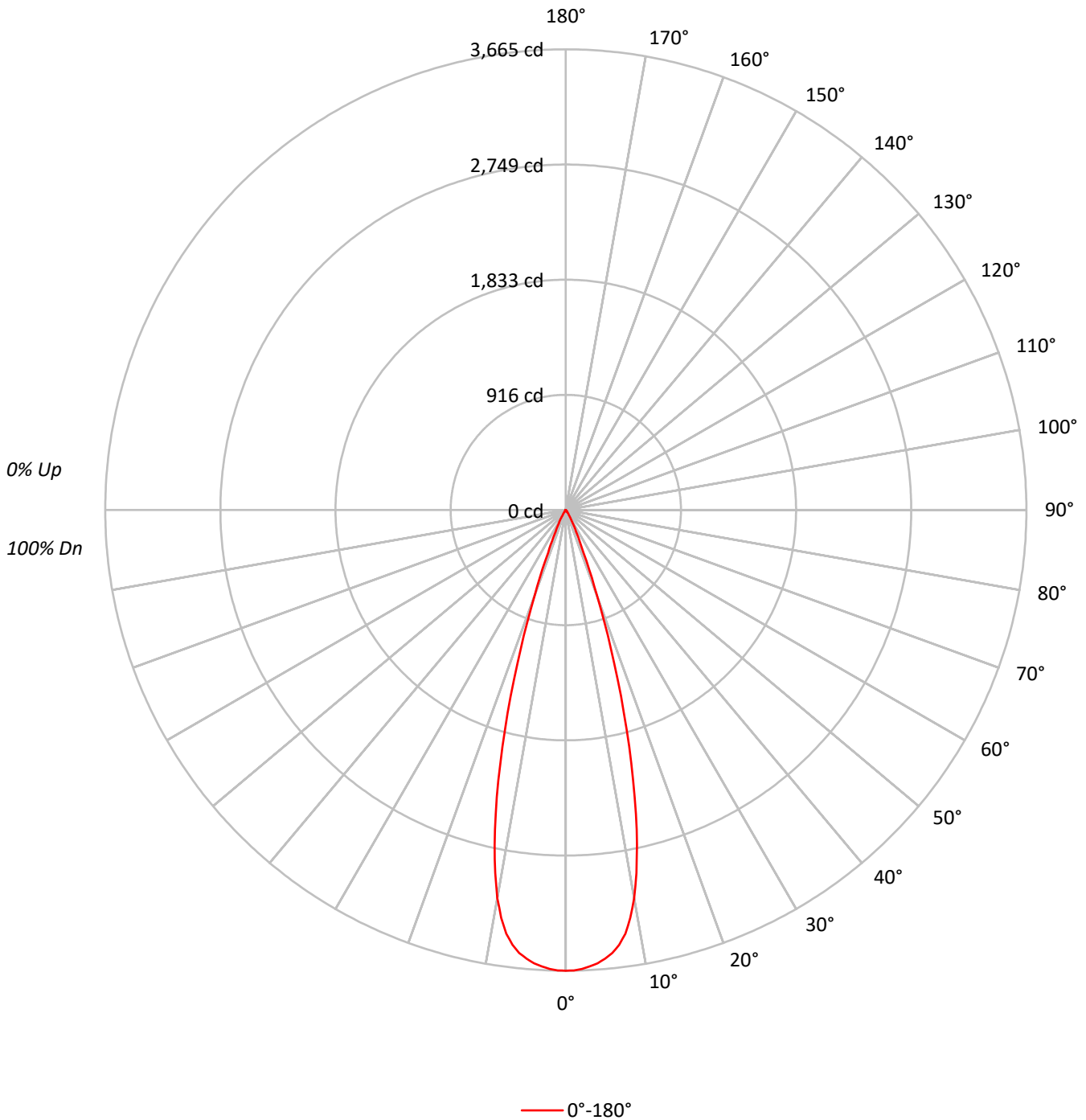
Test Method: LM-79-2019  
Report Number: P1296324  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R30W2N902750DE010 E3CD1MW\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,  
E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 987.1 lumens  
Efficiency: N/A  
Efficacy: 80.3 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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°    | 329.3  | 33.4      |
| 10°-20°   | 513.2  | 52.0      |
| 20°-30°   | 119.2  | 12.1      |
| 30°-40°   | 18.5   | 1.9       |
| 40°-50°   | 3.1    | 0.3       |
| 50°-60°   | 1.5    | 0.2       |
| 60°-70°   | 1.3    | 0.1       |
| 70°-80°   | 0.8    | 0.1       |
| 80°-90°   | 0.1    | 0.0       |
| 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°    | 961.7  | 97.4      |
| 0°-40°    | 980.2  | 99.3      |
| 0°-60°    | 984.8  | 99.8      |
| 0°-90°    | 987.1  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 987.1  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 3665 |      |
| 5°  | 3582 | 329  |
| 15° | 1948 | 513  |
| 25° | 205  | 119  |
| 35° | 22   | 18   |
| 45° | 3    | 3    |
| 55° | 2    | 2    |
| 65° | 2    | 1    |
| 75° | 1    | 1    |
| 85° | 0    | 0    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 3665.4 |
| 1°    | 3663.1 |
| 2°    | 3653.0 |
| 3°    | 3635.9 |
| 4°    | 3614.2 |
| 5°    | 3582.4 |
| 6°    | 3542.9 |
| 7°    | 3484.0 |
| 8°    | 3403.4 |
| 9°    | 3284.7 |
| 10°   | 3135.1 |
| 11°   | 2942.1 |
| 12°   | 2724.2 |
| 13°   | 2482.4 |
| 14°   | 2216.4 |
| 15°   | 1948.2 |
| 17.5° | 1274.5 |
| 20°   | 719.4  |
| 22.5° | 367.5  |
| 25°   | 205.4  |
| 27.5° | 126.4  |
| 30°   | 77.5   |
| 32.5° | 41.9   |
| 35°   | 22.5   |
| 37.5° | 14.7   |
| 40°   | 9.3    |
| 42.5° | 5.4    |
| 45°   | 3.1    |
| 47.5° | 2.3    |
| 50°   | 2.3    |
| 52.5° | 1.6    |
| 55°   | 1.6    |
| 57.5° | 1.6    |
| 60°   | 1.6    |
| 62.5° | 1.6    |
| 65°   | 1.6    |
| 67.5° | 0.8    |
| 70°   | 0.8    |
| 72.5° | 0.8    |
| 75°   | 0.8    |
| 77.5° | 0.8    |
| 80°   | 0.8    |
| 82.5° | 0.0    |
| 85°   | 0.0    |
| 87.5° | 0.0    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)