

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: P1285121

Luminaire Tested: P3AS13R40B2750DE010 E3DLD1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

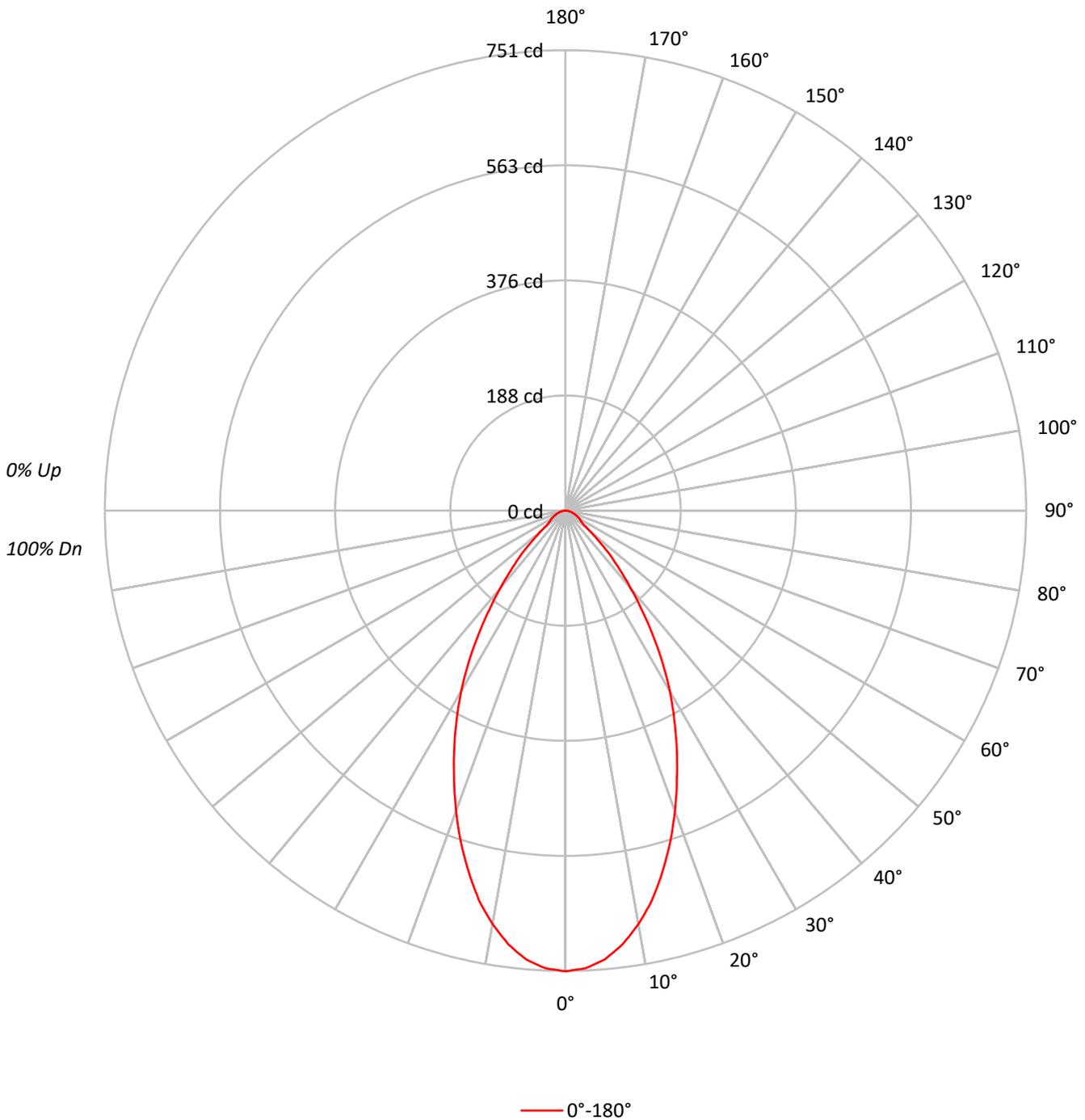
Test Method: LM-79-2019  
Report Number: P1285121  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R40B2750DE010 E3DLD1MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 734.0 lumens  
Efficiency: N/A  
Efficacy: 38.4 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.1  
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°    | 68.5   | 9.3       |
| 10°-20°   | 170.0  | 23.2      |
| 20°-30°   | 196.5  | 26.8      |
| 30°-40°   | 154.9  | 21.1      |
| 40°-50°   | 79.5   | 10.8      |
| 50°-60°   | 30.4   | 4.1       |
| 60°-70°   | 20.1   | 2.7       |
| 70°-80°   | 10.9   | 1.5       |
| 80°-90°   | 3.2    | 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°    | 435.0  | 59.3      |
| 0°-40°    | 589.9  | 80.4      |
| 0°-60°    | 699.7  | 95.3      |
| 0°-90°    | 734.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 734.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 751 |      |
| 5°  | 735 | 69   |
| 15° | 610 | 170  |
| 25° | 430 | 196  |
| 35° | 248 | 155  |
| 45° | 103 | 79   |
| 55° | 32  | 30   |
| 65° | 20  | 20   |
| 75° | 11  | 11   |
| 85° | 2   | 3    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 751.4 |
| 2.5°  | 747.3 |
| 5°    | 735.0 |
| 7.5°  | 713.6 |
| 10°   | 684.9 |
| 12.5° | 651.2 |
| 15°   | 610.2 |
| 17.5° | 567.5 |
| 20°   | 521.5 |
| 22.5° | 474.7 |
| 25°   | 429.5 |
| 27.5° | 384.3 |
| 30°   | 340.0 |
| 32.5° | 294.8 |
| 35°   | 248.0 |
| 37.5° | 204.5 |
| 40°   | 165.1 |
| 42.5° | 131.4 |
| 45°   | 102.7 |
| 47.5° | 74.7  |
| 50°   | 50.9  |
| 52.5° | 37.0  |
| 55°   | 32.0  |
| 57.5° | 28.7  |
| 60°   | 26.3  |
| 62.5° | 23.0  |
| 65°   | 20.5  |
| 67.5° | 17.2  |
| 70°   | 14.8  |
| 72.5° | 12.3  |
| 75°   | 10.7  |
| 77.5° | 8.2   |
| 80°   | 5.7   |
| 82.5° | 4.9   |
| 85°   | 2.5   |
| 87.5° | 1.6   |
| 90°   | 0.0   |

(END OF REPORT)