

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: P1269031

Luminaire Tested: P3A05R309740DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

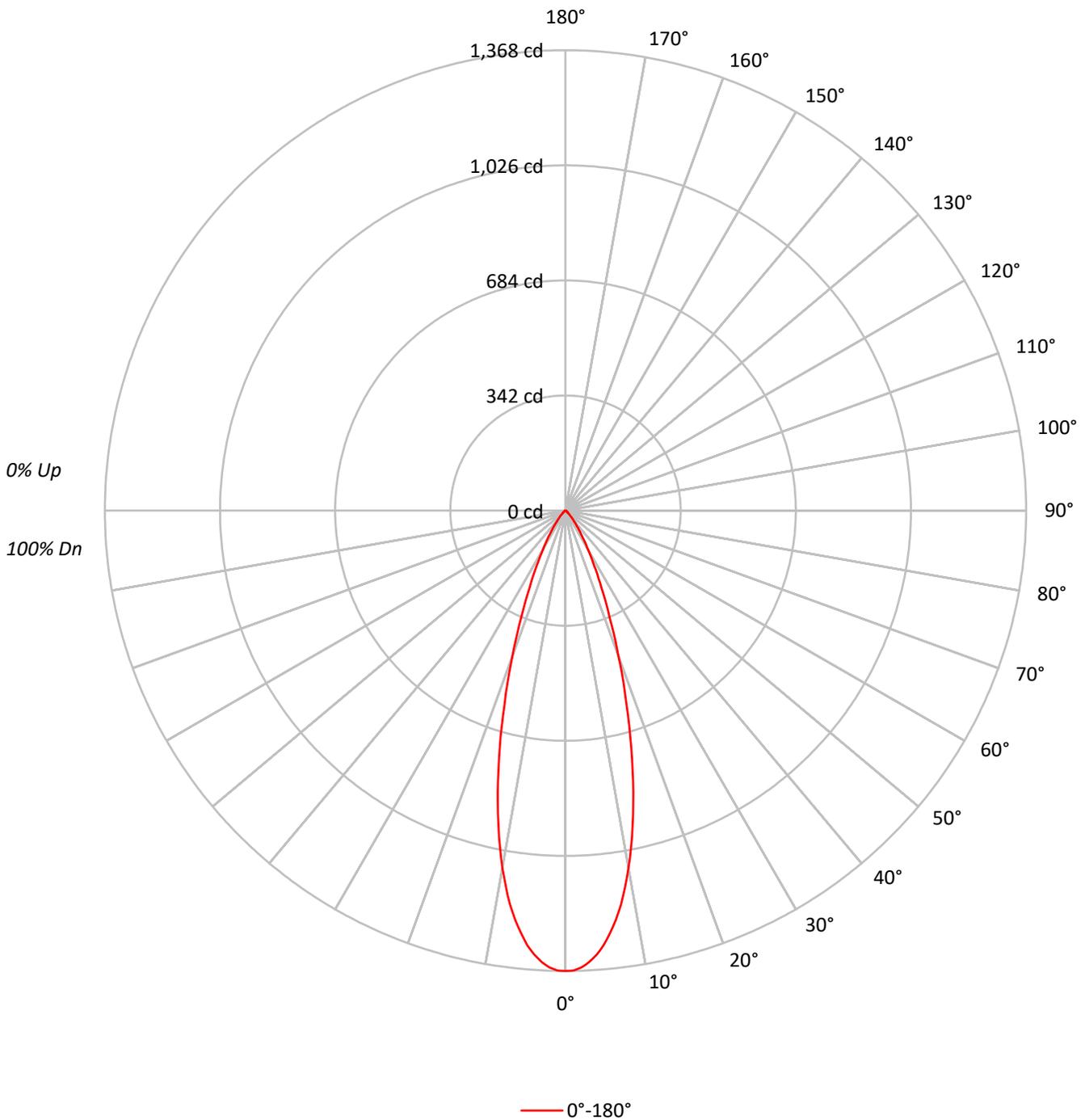
Test Method: LM-79-2019  
Report Number: P1269031  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R309740DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 514.0 lumens  
Efficiency: N/A  
Efficacy: 71.4 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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°    | 116.8  | 22.7      |
| 10°-20°   | 207.6  | 40.4      |
| 20°-30°   | 120.0  | 23.3      |
| 30°-40°   | 45.5   | 8.9       |
| 40°-50°   | 14.0   | 2.7       |
| 50°-60°   | 4.7    | 0.9       |
| 60°-70°   | 3.2    | 0.6       |
| 70°-80°   | 1.7    | 0.3       |
| 80°-90°   | 0.5    | 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°    | 444.3  | 86.4      |
| 0°-40°    | 489.9  | 95.3      |
| 0°-60°    | 508.6  | 98.9      |
| 0°-90°    | 514.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 514.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | Flux |
|-----|------|------|
| 0°  | 1368 |      |
| 5°  | 1297 | 117  |
| 15° | 763  | 208  |
| 25° | 252  | 120  |
| 35° | 69   | 46   |
| 45° | 17   | 14   |
| 55° | 5    | 5    |
| 65° | 3    | 3    |
| 75° | 2    | 2    |
| 85° | 0    | 1    |
| 90° | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

| 0°    |        |
|-------|--------|
| 0°    | 1367.8 |
| 1°    | 1366.8 |
| 2°    | 1358.6 |
| 3°    | 1343.0 |
| 4°    | 1323.6 |
| 5°    | 1296.9 |
| 6°    | 1262.9 |
| 7°    | 1225.1 |
| 8°    | 1182.8 |
| 9°    | 1132.3 |
| 10°   | 1078.4 |
| 11°   | 1020.2 |
| 12°   | 958.5  |
| 13°   | 893.9  |
| 14°   | 828.4  |
| 15°   | 762.8  |
| 17.5° | 601.6  |
| 20°   | 460.3  |
| 22.5° | 341.3  |
| 25°   | 252.5  |
| 27.5° | 183.5  |
| 30°   | 134.0  |
| 32.5° | 96.6   |
| 35°   | 68.9   |
| 37.5° | 48.1   |
| 40°   | 34.0   |
| 42.5° | 23.8   |
| 45°   | 17.0   |
| 47.5° | 11.7   |
| 50°   | 8.3    |
| 52.5° | 5.8    |
| 55°   | 4.9    |
| 57.5° | 4.4    |
| 60°   | 3.9    |
| 62.5° | 3.4    |
| 65°   | 3.4    |
| 67.5° | 2.9    |
| 70°   | 2.4    |
| 72.5° | 1.9    |
| 75°   | 1.5    |
| 77.5° | 1.5    |
| 80°   | 1.0    |
| 82.5° | 1.0    |
| 85°   | 0.5    |
| 87.5° | 0.0    |



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)