

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: P1293447

Luminaire Tested: P3AS09R40W2N902765DE010 E3DLP1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

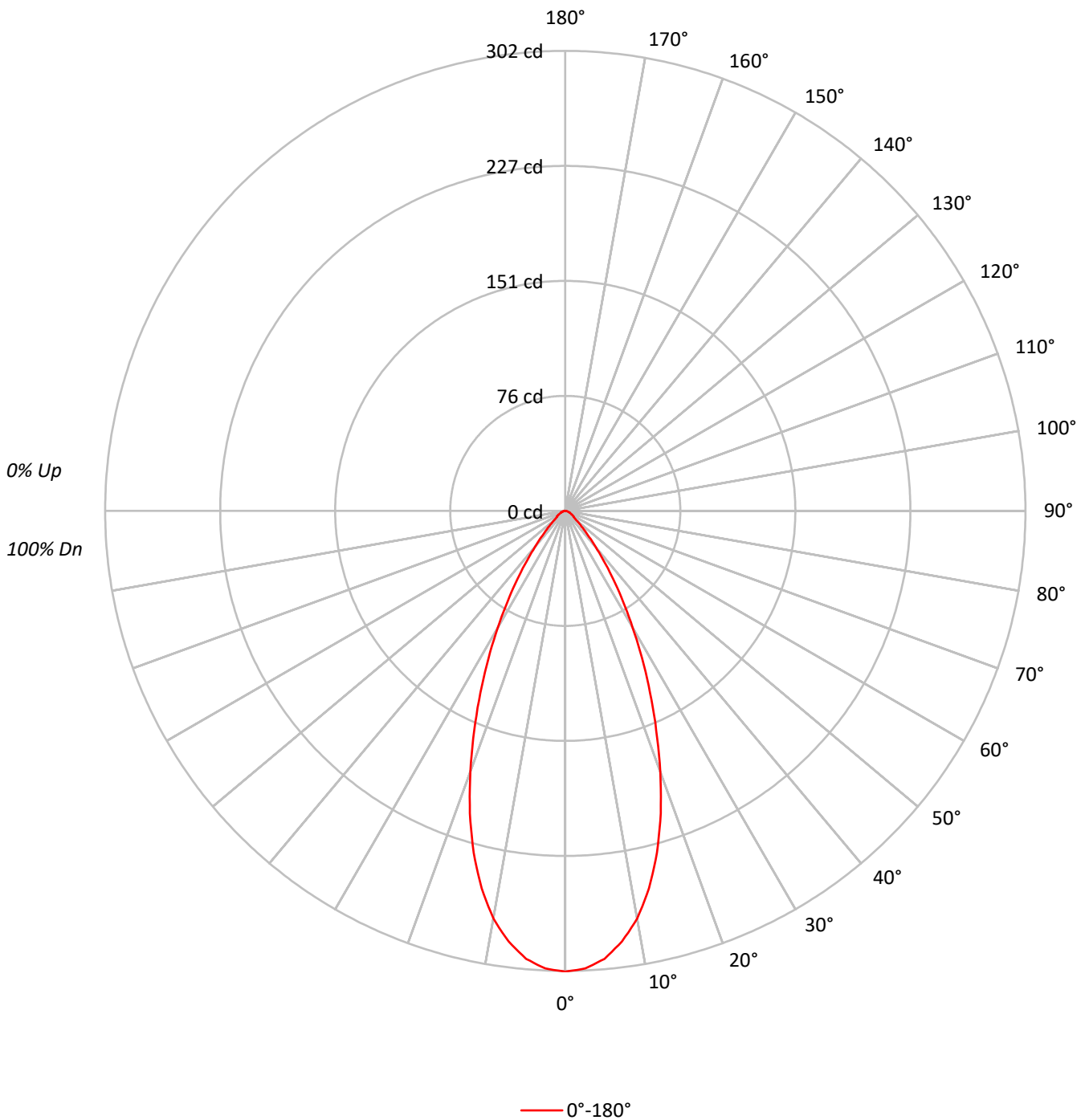
Test Method: LM-79-2019  
Report Number: P1293447  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R40W2N902765DE010 E3DLP1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 213.0 lumens  
Efficiency: N/A  
Efficacy: 23.7 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
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

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### Luminous Intensity Polar Plot







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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 27.4   | 12.9      |
| 10°-20°   | 64.0   | 30.0      |
| 20°-30°   | 60.3   | 28.3      |
| 30°-40°   | 34.9   | 16.4      |
| 40°-50°   | 13.9   | 6.5       |
| 50°-60°   | 6.1    | 2.9       |
| 60°-70°   | 3.8    | 1.8       |
| 70°-80°   | 2.0    | 0.9       |
| 80°-90°   | 0.7    | 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°    | 151.7  | 71.2      |
| 0°-40°    | 186.5  | 87.6      |
| 0°-60°    | 206.6  | 97.0      |
| 0°-90°    | 213.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 213.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | Flux |
|-----|-----|------|
| 0°  | 302 |      |
| 5°  | 295 | 27   |
| 15° | 232 | 64   |
| 25° | 132 | 60   |
| 35° | 55  | 35   |
| 45° | 17  | 14   |
| 55° | 7   | 6    |
| 65° | 4   | 4    |
| 75° | 2   | 2    |
| 85° | 1   | 1    |
| 90° | 0   |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    |
|-------|-------|
| 0°    | 302.5 |
| 2.5°  | 300.7 |
| 5°    | 295.2 |
| 7.5°  | 285.1 |
| 10°   | 271.7 |
| 12.5° | 253.7 |
| 15°   | 232.3 |
| 17.5° | 208.2 |
| 20°   | 182.1 |
| 22.5° | 156.0 |
| 25°   | 131.7 |
| 27.5° | 109.0 |
| 30°   | 88.4  |
| 32.5° | 70.5  |
| 35°   | 54.8  |
| 37.5° | 41.5  |
| 40°   | 31.0  |
| 42.5° | 23.2  |
| 45°   | 17.1  |
| 47.5° | 12.5  |
| 50°   | 9.3   |
| 52.5° | 7.5   |
| 55°   | 6.7   |
| 57.5° | 6.1   |
| 60°   | 5.2   |
| 62.5° | 4.3   |
| 65°   | 3.8   |
| 67.5° | 3.2   |
| 70°   | 2.9   |
| 72.5° | 2.3   |
| 75°   | 1.7   |
| 77.5° | 1.4   |
| 80°   | 1.2   |
| 82.5° | 0.9   |
| 85°   | 0.6   |
| 87.5° | 0.3   |
| 90°   | 0.0   |

(END OF REPORT)