

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: P1293195

Luminaire Tested: P3AS09R40W2N902750DE010 E3D1H_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293195
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40W2N902750DE010 E3D1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

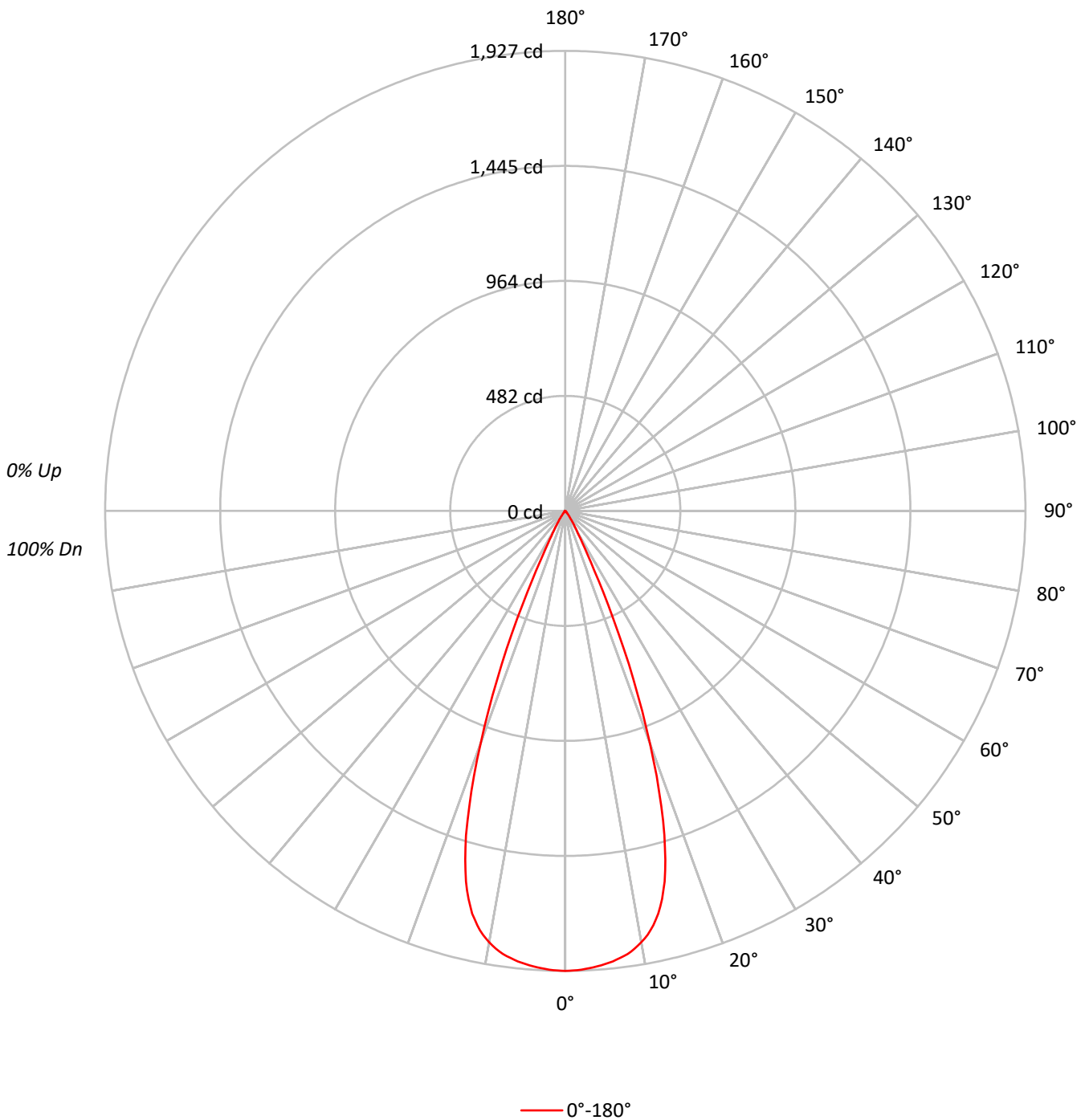
Lumens per Lamp: N/A
Luminaire Lumens: 829.0 lumens
Efficiency: N/A
Efficacy: 92.1 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1293195

CATALOG NUMBER: P3AS09R40W2N902750DE010 E3D1H_4000K

Luminous Intensity Polar Plot





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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 179.8 | 21.7 |
| 10°-20° | 425.9 | 51.4 |
| 20°-30° | 193.2 | 23.3 |
| 30°-40° | 25.0 | 3.0 |
| 40°-50° | 4.3 | 0.5 |
| 50°-60° | 0.5 | 0.1 |
| 60°-70° | 0.2 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 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° | 798.9 | 96.4 |
| 0°-40° | 824.0 | 99.4 |
| 0°-60° | 828.8 | 100.0 |
| 0°-90° | 829.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 829.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1927 | |
| 5° | 1906 | 180 |
| 15° | 1608 | 426 |
| 25° | 375 | 193 |
| 35° | 35 | 25 |
| 45° | 5 | 4 |
| 55° | 1 | 1 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1927.0 |
| 1° | 1925.9 |
| 2° | 1923.0 |
| 3° | 1918.6 |
| 4° | 1913.1 |
| 5° | 1905.8 |
| 6° | 1897.4 |
| 7° | 1887.0 |
| 8° | 1874.2 |
| 9° | 1856.8 |
| 10° | 1834.7 |
| 11° | 1808.9 |
| 12° | 1774.4 |
| 13° | 1731.7 |
| 14° | 1676.0 |
| 15° | 1607.5 |
| 16° | 1520.1 |
| 17° | 1420.6 |
| 18° | 1301.0 |
| 19° | 1174.8 |
| 20° | 1036.9 |
| 21° | 899.1 |
| 22° | 763.3 |
| 23° | 628.0 |
| 24° | 495.1 |
| 25° | 374.7 |
| 26° | 277.4 |
| 27° | 203.2 |
| 28° | 152.7 |
| 29° | 118.7 |
| 30° | 95.8 |
| 31° | 79.2 |
| 32° | 66.2 |
| 32.5° | 60.4 |
| 33° | 54.6 |
| 34° | 44.4 |
| 35° | 35.4 |
| 36° | 27.9 |
| 37° | 22.1 |
| 37.5° | 19.7 |
| 38° | 17.4 |
| 39° | 14.5 |
| 40° | 11.9 |
| 42.5° | 7.8 |
| 45° | 5.2 |



TEST NUMBER: P1293195

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CANDELA DISTRIBUTION (continued):

| | 0° |
|-------|-----|
| 47.5° | 3.2 |
| 50° | 1.5 |
| 52.5° | 0.6 |
| 55° | 0.6 |
| 57.5° | 0.3 |
| 60° | 0.3 |
| 62.5° | 0.3 |
| 65° | 0.3 |
| 67.5° | 0.0 |
| 70° | 0.0 |
| 72.5° | 0.0 |
| 75° | 0.0 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)