

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: P1293789

Luminaire Tested: P3AS09R50W2N902750DE010 E3D1H_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R50W2N902750DE010 E3D1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

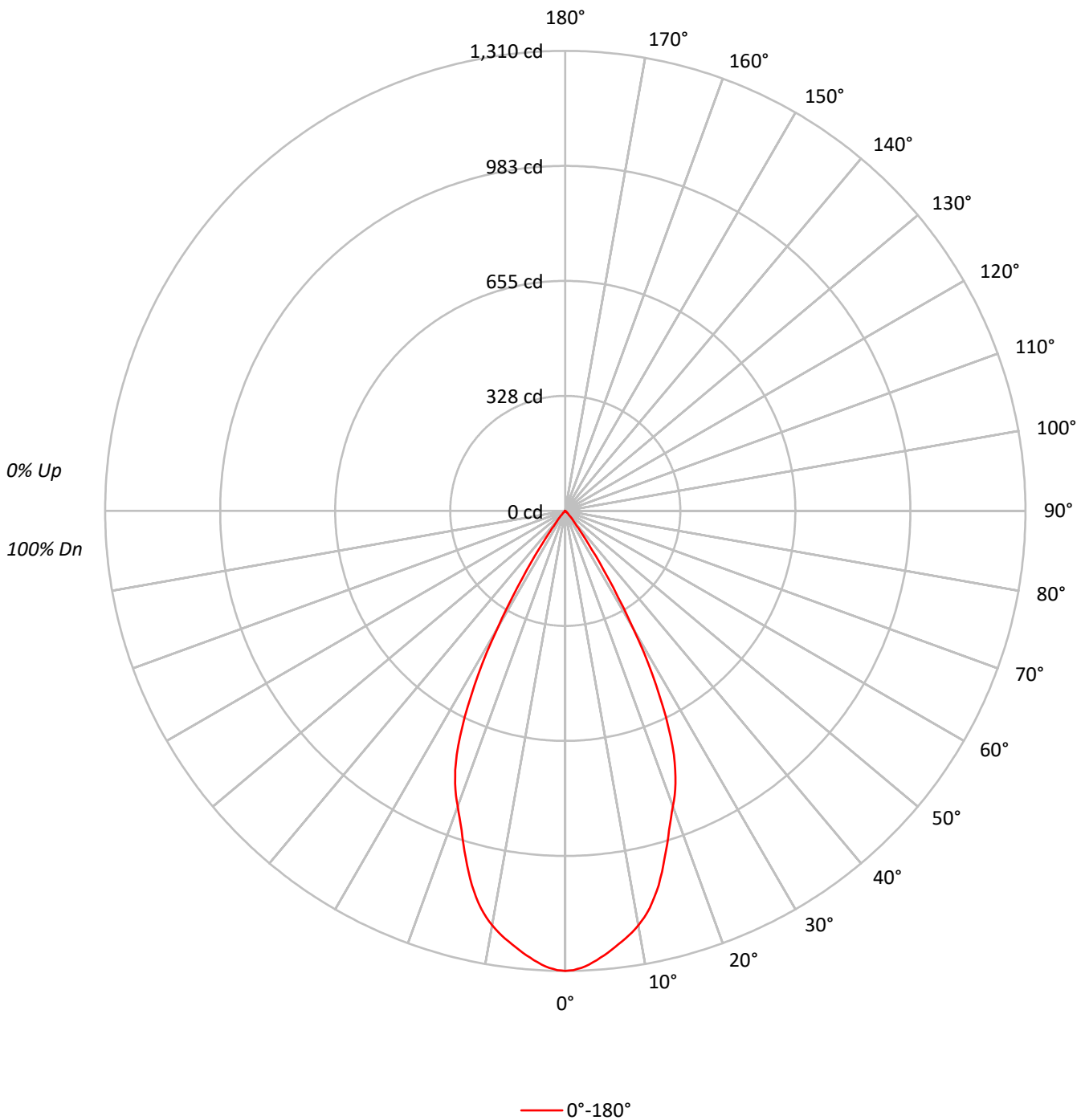
Lumens per Lamp: N/A
Luminaire Lumens: 822.0 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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° | 119.0 | 14.5 |
| 10°-20° | 294.8 | 35.9 |
| 20°-30° | 309.9 | 37.7 |
| 30°-40° | 88.7 | 10.8 |
| 40°-50° | 8.7 | 1.1 |
| 50°-60° | 0.7 | 0.1 |
| 60°-70° | 0.3 | 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° | 723.7 | 88.0 |
| 0°-40° | 812.4 | 98.8 |
| 0°-60° | 821.8 | 100.0 |
| 0°-90° | 822.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 822.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1310 | |
| 5° | 1270 | 119 |
| 15° | 1064 | 295 |
| 25° | 708 | 310 |
| 35° | 114 | 89 |
| 45° | 9 | 9 |
| 55° | 1 | 1 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1310.0 |
| 1° | 1308.0 |
| 2° | 1302.2 |
| 3° | 1293.8 |
| 4° | 1282.4 |
| 5° | 1270.3 |
| 6° | 1257.2 |
| 7° | 1243.3 |
| 8° | 1230.2 |
| 9° | 1215.2 |
| 10° | 1198.3 |
| 11° | 1178.9 |
| 12° | 1156.6 |
| 13° | 1128.7 |
| 14° | 1098.6 |
| 15° | 1064.1 |
| 16° | 1027.5 |
| 17° | 992.1 |
| 18° | 955.9 |
| 19° | 924.0 |
| 20° | 895.6 |
| 21° | 868.3 |
| 22° | 837.3 |
| 23° | 801.6 |
| 24° | 759.8 |
| 25° | 708.5 |
| 26° | 652.8 |
| 27° | 590.8 |
| 28° | 529.0 |
| 29° | 462.3 |
| 30° | 388.9 |
| 31° | 320.2 |
| 32° | 257.0 |
| 32.5° | 229.4 |
| 33° | 201.6 |
| 34° | 154.6 |
| 35° | 114.3 |
| 36° | 83.8 |
| 37° | 62.4 |
| 37.5° | 53.9 |
| 38° | 46.7 |
| 39° | 36.3 |
| 40° | 28.7 |
| 42.5° | 16.2 |
| 45° | 9.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° |
|-------|-----|
| 47.5° | 5.2 |
| 50° | 2.0 |
| 52.5° | 0.9 |
| 55° | 0.6 |
| 57.5° | 0.6 |
| 60° | 0.3 |
| 62.5° | 0.3 |
| 65° | 0.3 |
| 67.5° | 0.3 |
| 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)