

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: P1290409

Luminaire Tested: P3A05R55W2N902750DE010 E3DLP1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290409
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R55W2N902750DE010 E3DLP1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

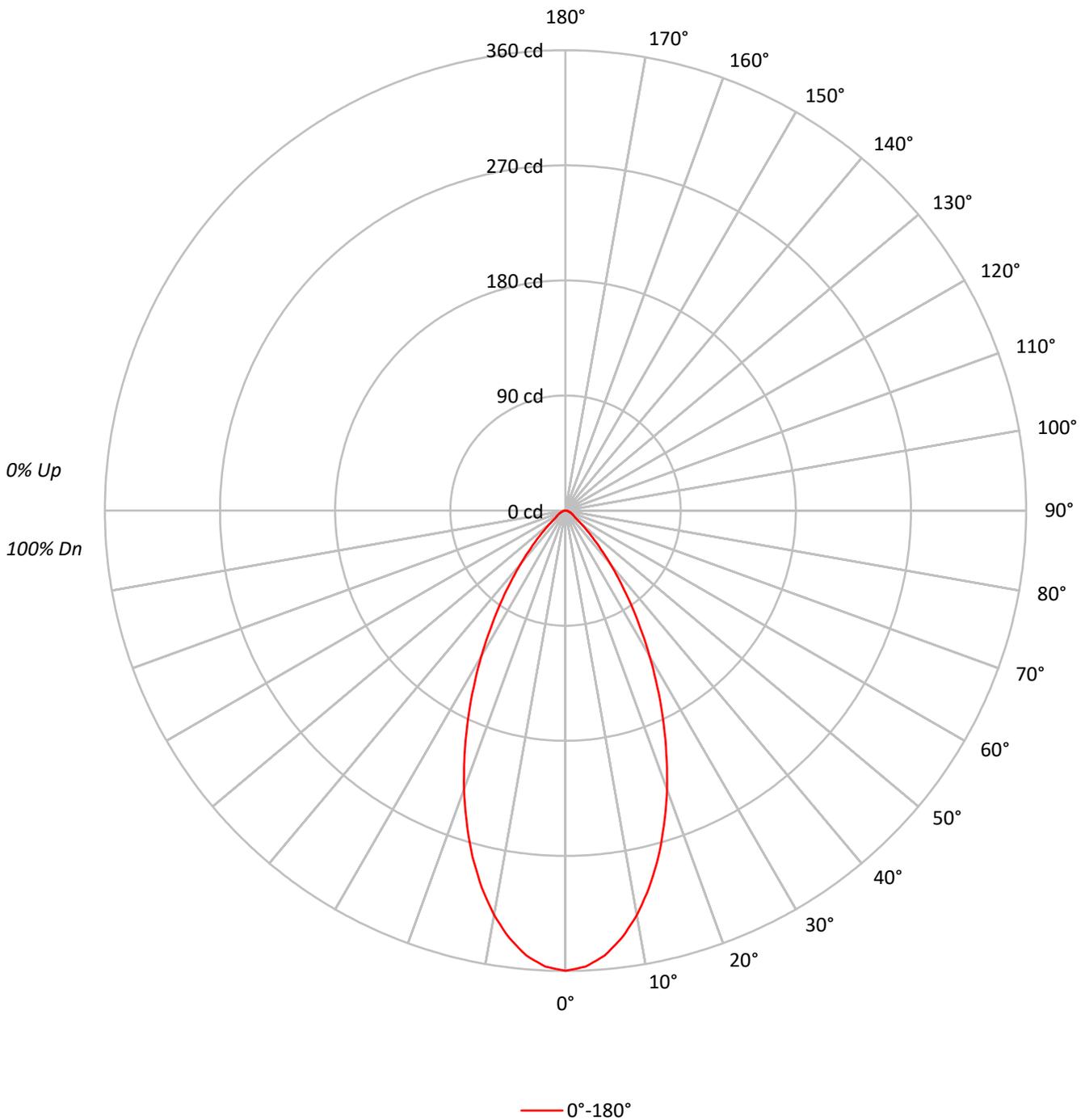
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 290.1 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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° | 32.4 | 11.2 |
| 10°-20° | 77.8 | 26.8 |
| 20°-30° | 82.4 | 28.4 |
| 30°-40° | 55.6 | 19.2 |
| 40°-50° | 24.4 | 8.4 |
| 50°-60° | 8.8 | 3.0 |
| 60°-70° | 5.1 | 1.8 |
| 70°-80° | 2.7 | 0.9 |
| 80°-90° | 0.9 | 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° | 192.6 | 66.4 |
| 0°-40° | 248.2 | 85.6 |
| 0°-60° | 281.4 | 97.0 |
| 0°-90° | 290.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 290.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 360 | |
| 5° | 349 | 32 |
| 15° | 280 | 78 |
| 25° | 180 | 82 |
| 35° | 88 | 56 |
| 45° | 30 | 24 |
| 55° | 9 | 9 |
| 65° | 5 | 5 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 359.8 |
| 2.5° | 357.0 |
| 5° | 349.4 |
| 7.5° | 337.1 |
| 10° | 321.1 |
| 12.5° | 302.0 |
| 15° | 280.5 |
| 17.5° | 256.6 |
| 20° | 231.9 |
| 22.5° | 206.0 |
| 25° | 180.5 |
| 27.5° | 155.4 |
| 30° | 131.5 |
| 32.5° | 108.8 |
| 35° | 88.4 |
| 37.5° | 70.1 |
| 40° | 54.6 |
| 42.5° | 41.0 |
| 45° | 29.9 |
| 47.5° | 21.9 |
| 50° | 15.9 |
| 52.5° | 11.2 |
| 55° | 8.8 |
| 57.5° | 8.0 |
| 60° | 6.8 |
| 62.5° | 6.0 |
| 65° | 5.2 |
| 67.5° | 4.4 |
| 70° | 3.6 |
| 72.5° | 3.2 |
| 75° | 2.4 |
| 77.5° | 2.0 |
| 80° | 1.6 |
| 82.5° | 1.2 |
| 85° | 0.8 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)