

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: P1297938

Luminaire Tested: P3A13R55W2N902750DE010 E3DL1LI_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297938
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R55W2N902750DE010 E3DL1LI_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

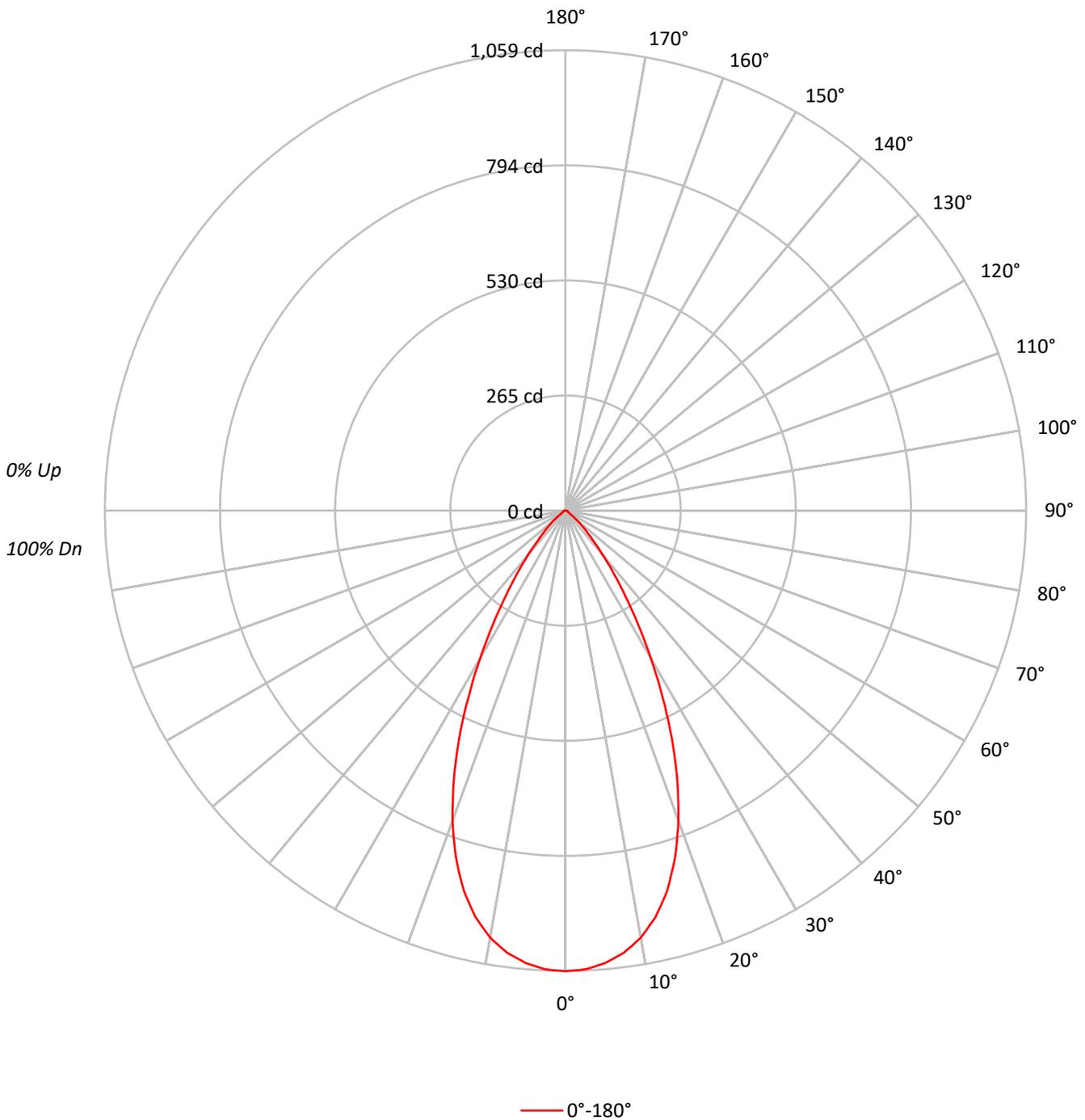
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 846.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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° | 98.2 | 11.6 |
| 10°-20° | 250.0 | 29.6 |
| 20°-30° | 262.0 | 31.0 |
| 30°-40° | 152.9 | 18.1 |
| 40°-50° | 57.2 | 6.8 |
| 50°-60° | 13.5 | 1.6 |
| 60°-70° | 6.9 | 0.8 |
| 70°-80° | 4.1 | 0.5 |
| 80°-90° | 1.2 | 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° | 610.3 | 72.1 |
| 0°-40° | 763.1 | 90.2 |
| 0°-60° | 833.8 | 98.6 |
| 0°-90° | 846.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 846.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1059 | |
| 5° | 1045 | 98 |
| 15° | 904 | 250 |
| 25° | 578 | 262 |
| 35° | 239 | 153 |
| 45° | 70 | 57 |
| 55° | 11 | 13 |
| 65° | 7 | 7 |
| 75° | 4 | 4 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1059.4 |
| 2.5° | 1056.3 |
| 5° | 1044.7 |
| 7.5° | 1026.0 |
| 10° | 997.3 |
| 12.5° | 957.0 |
| 15° | 904.2 |
| 17.5° | 837.4 |
| 20° | 759.0 |
| 22.5° | 671.3 |
| 25° | 578.2 |
| 27.5° | 482.7 |
| 30° | 391.9 |
| 32.5° | 309.7 |
| 35° | 239.0 |
| 37.5° | 181.6 |
| 40° | 134.3 |
| 42.5° | 96.2 |
| 45° | 69.9 |
| 47.5° | 50.4 |
| 50° | 34.1 |
| 52.5° | 19.4 |
| 55° | 10.9 |
| 57.5° | 9.3 |
| 60° | 8.5 |
| 62.5° | 7.8 |
| 65° | 7.0 |
| 67.5° | 6.2 |
| 70° | 5.4 |
| 72.5° | 4.7 |
| 75° | 3.9 |
| 77.5° | 3.1 |
| 80° | 2.3 |
| 82.5° | 1.6 |
| 85° | 0.8 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)