

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: P1297880

Luminaire Tested: P3AS13R55W2N902750DE010 E3CB1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55W2N902750DE010 E3CB1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

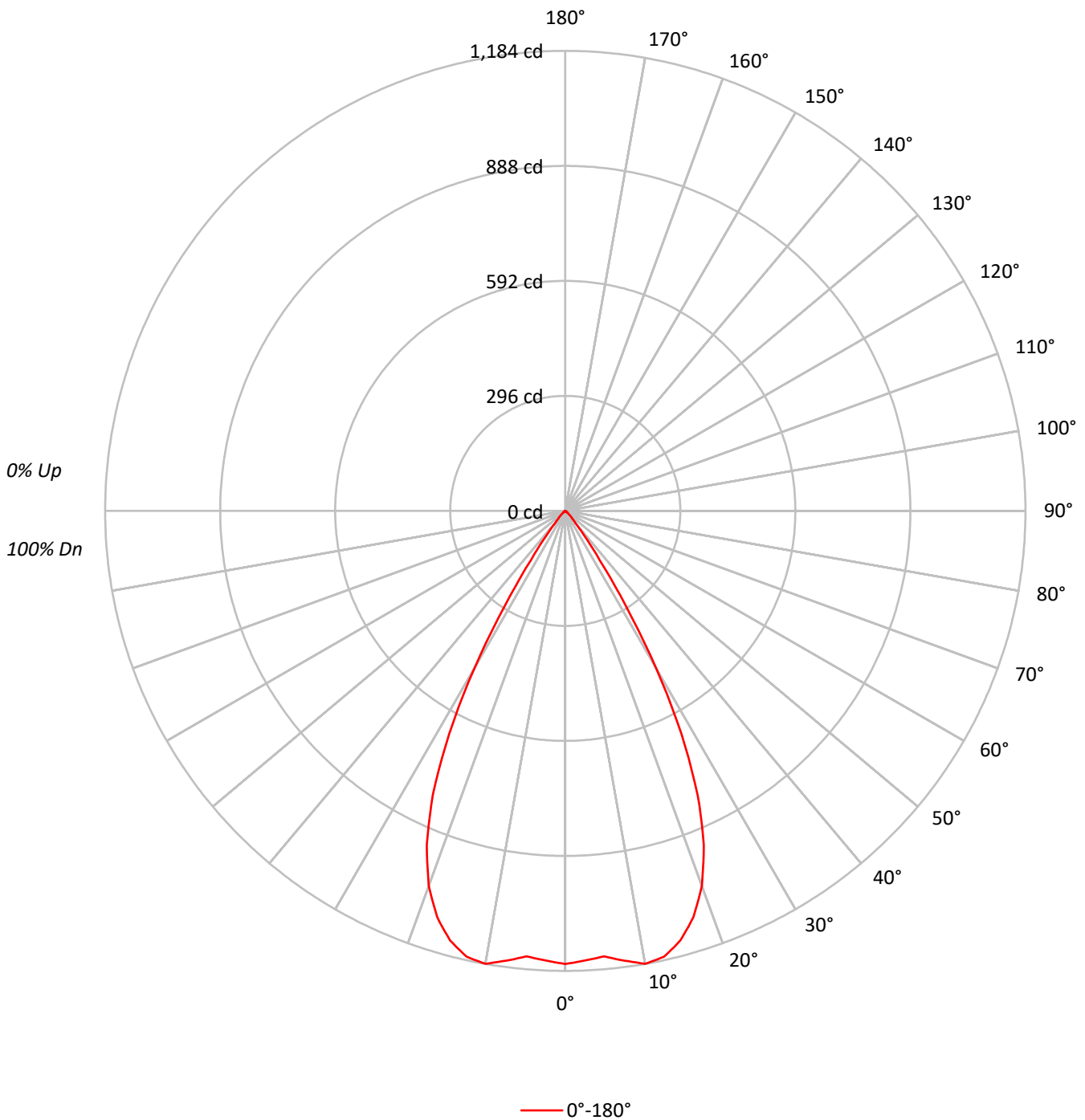
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 922.1 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
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° | 111.3 | 12.1 |
| 10°-20° | 318.1 | 34.5 |
| 20°-30° | 354.7 | 38.5 |
| 30°-40° | 116.0 | 12.6 |
| 40°-50° | 15.3 | 1.7 |
| 50°-60° | 3.3 | 0.4 |
| 60°-70° | 1.9 | 0.2 |
| 70°-80° | 1.2 | 0.1 |
| 80°-90° | 0.3 | 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° | 784.1 | 85.0 |
| 0°-40° | 900.1 | 97.6 |
| 0°-60° | 918.7 | 99.6 |
| 0°-90° | 922.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 922.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1166 | |
| 5° | 1151 | 111 |
| 15° | 1145 | 318 |
| 25° | 806 | 355 |
| 35° | 153 | 116 |
| 45° | 18 | 15 |
| 55° | 3 | 3 |
| 65° | 2 | 2 |
| 75° | 1 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1166.2 |
| 2.5° | 1157.9 |
| 5° | 1150.9 |
| 7.5° | 1167.6 |
| 10° | 1183.5 |
| 12.5° | 1175.2 |
| 15° | 1144.7 |
| 17.5° | 1096.2 |
| 20° | 1026.9 |
| 22.5° | 931.3 |
| 25° | 805.9 |
| 27.5° | 646.5 |
| 30° | 467.7 |
| 32.5° | 286.9 |
| 35° | 153.1 |
| 37.5° | 77.6 |
| 40° | 40.9 |
| 42.5° | 26.3 |
| 45° | 18.0 |
| 47.5° | 12.5 |
| 50° | 6.9 |
| 52.5° | 4.2 |
| 55° | 2.8 |
| 57.5° | 2.8 |
| 60° | 2.8 |
| 62.5° | 2.1 |
| 65° | 2.1 |
| 67.5° | 1.4 |
| 70° | 1.4 |
| 72.5° | 1.4 |
| 75° | 1.4 |
| 77.5° | 0.7 |
| 80° | 0.7 |
| 82.5° | 0.7 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)