

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: P1301382

Luminaire Tested: P3AS17R50W2N902750DE010 E3D1LI_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301382
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: P3AS17R50W2N902750DE010 E3D1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

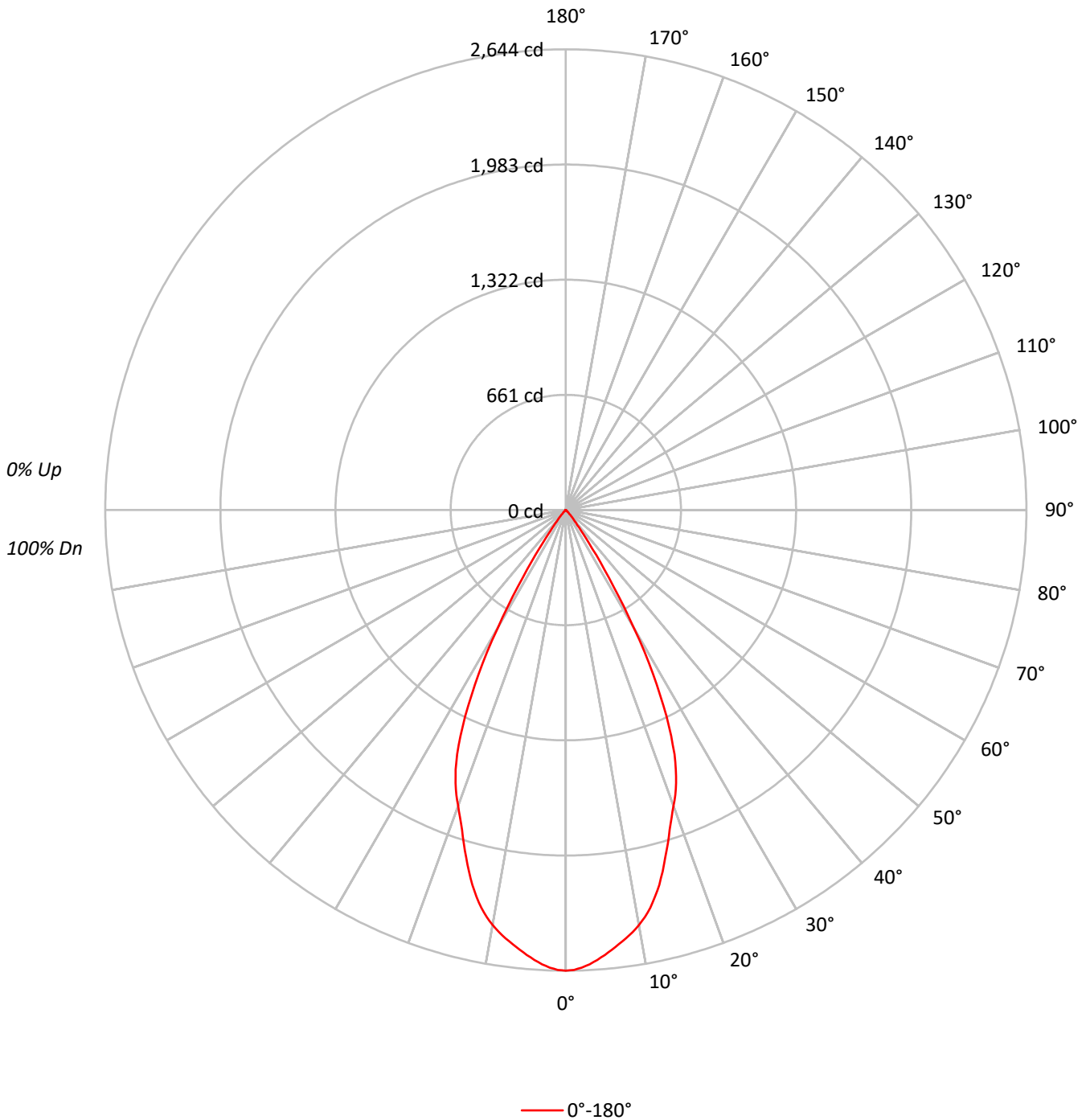
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1659.0 lumens
Efficiency: N/A
Efficacy: 85.5 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): 19.4
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°	240.1	14.5
10°-20°	595.0	35.9
20°-30°	625.4	37.7
30°-40°	179.0	10.8
40°-50°	17.5	1.1
50°-60°	1.4	0.1
60°-70°	0.5	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°	1460.6	88.0
0°-40°	1639.6	98.8
0°-60°	1658.5	100.0
0°-90°	1659.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1659.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2644	
5°	2564	240
15°	2148	595
25°	1430	625
35°	231	179
45°	19	17
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2643.9
1°	2639.8
2°	2628.1
3°	2611.1
4°	2588.3
5°	2563.7
6°	2537.4
7°	2509.3
8°	2482.9
9°	2452.5
10°	2418.5
11°	2379.3
12°	2334.3
13°	2278.1
14°	2217.2
15°	2147.5
16°	2073.8
17°	2002.4
18°	1929.2
19°	1864.8
20°	1807.5
21°	1752.4
22°	1689.8
23°	1617.8
24°	1533.5
25°	1429.9
26°	1317.6
27°	1192.3
28°	1067.6
29°	933.0
30°	784.9
31°	646.2
32°	518.6
32.5°	463.0
33°	406.8
34°	312.0
35°	230.6
36°	169.2
37°	125.8
37.5°	108.9
38°	94.2
39°	73.2
40°	57.9
42.5°	32.8
45°	18.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.5
50°	4.1
52.5°	1.8
55°	1.2
57.5°	1.2
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
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)