

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: P1301400

Luminaire Tested: P3A17R50W2N902750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301400
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: P3A17R50W2N902750DE010 E3D1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

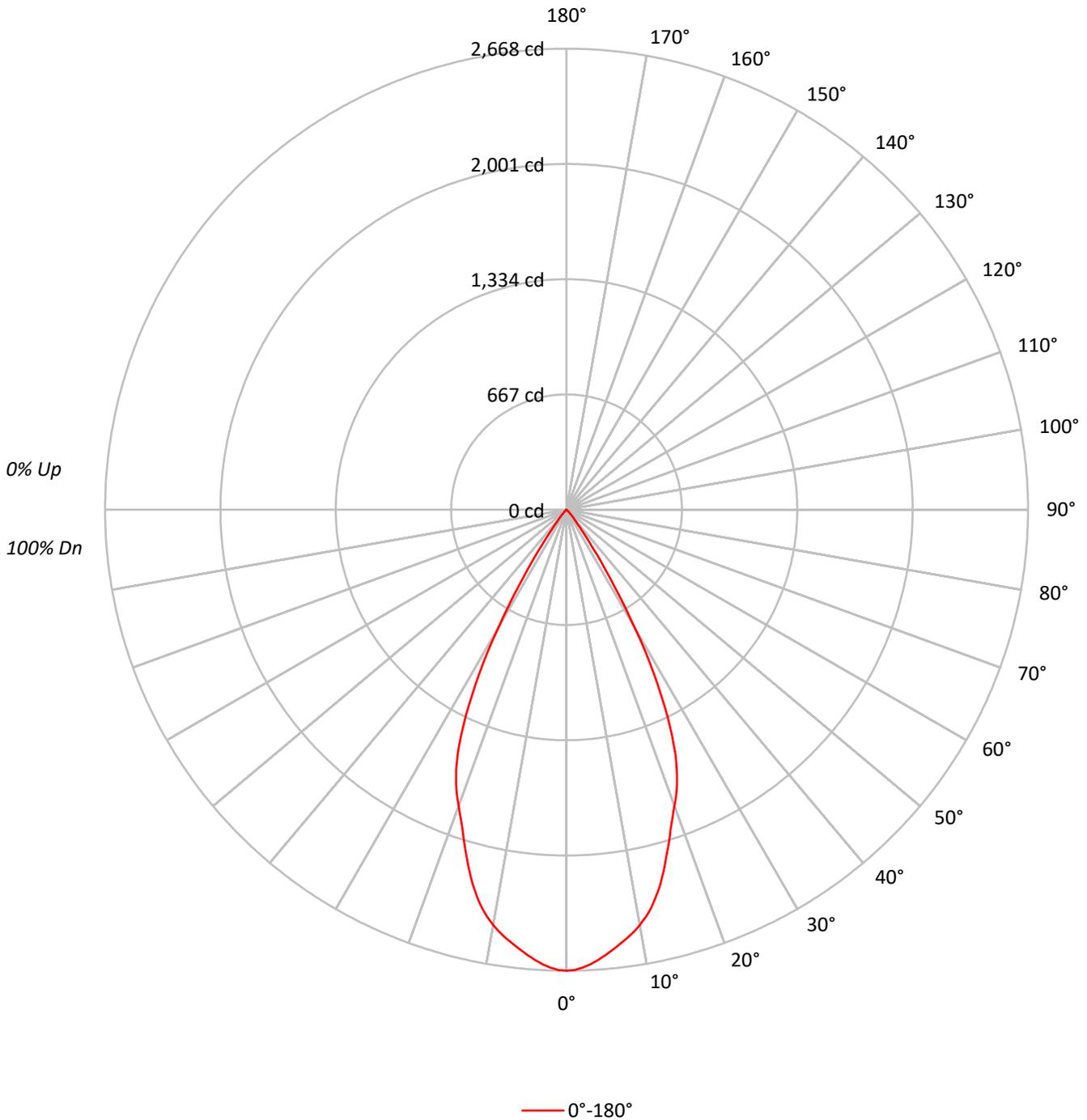
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1674.0 lumens
Efficiency: N/A
Efficacy: 86.3 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): 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°	242.3	14.5
10°-20°	600.4	35.9
20°-30°	631.1	37.7
30°-40°	180.6	10.8
40°-50°	17.6	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°	1473.8	88.0
0°-40°	1654.4	98.8
0°-60°	1673.5	100.0
0°-90°	1674.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1674.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2668	
5°	2587	242
15°	2167	600
25°	1443	631
35°	233	181
45°	19	18
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2667.8
1°	2663.7
2°	2651.9
3°	2634.7
4°	2611.7
5°	2586.9
6°	2560.3
7°	2532.0
8°	2505.4
9°	2474.7
10°	2440.4
11°	2400.8
12°	2355.4
13°	2298.7
14°	2237.2
15°	2167.0
16°	2092.5
17°	2020.5
18°	1946.7
19°	1881.7
20°	1823.8
21°	1768.3
22°	1705.1
23°	1632.5
24°	1547.4
25°	1442.9
26°	1329.5
27°	1203.1
28°	1077.3
29°	941.4
30°	792.0
31°	652.0
32°	523.3
32.5°	467.2
33°	410.5
34°	314.8
35°	232.7
36°	170.7
37°	127.0
37.5°	109.9
38°	95.1
39°	73.8
40°	58.5
42.5°	33.1
45°	18.9



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.6
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)