

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: P1293938

Luminaire Tested: P3AS09R50W2N902765DE010 E3D1H_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293938
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: P3AS09R50W2N902765DE010 E3D1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

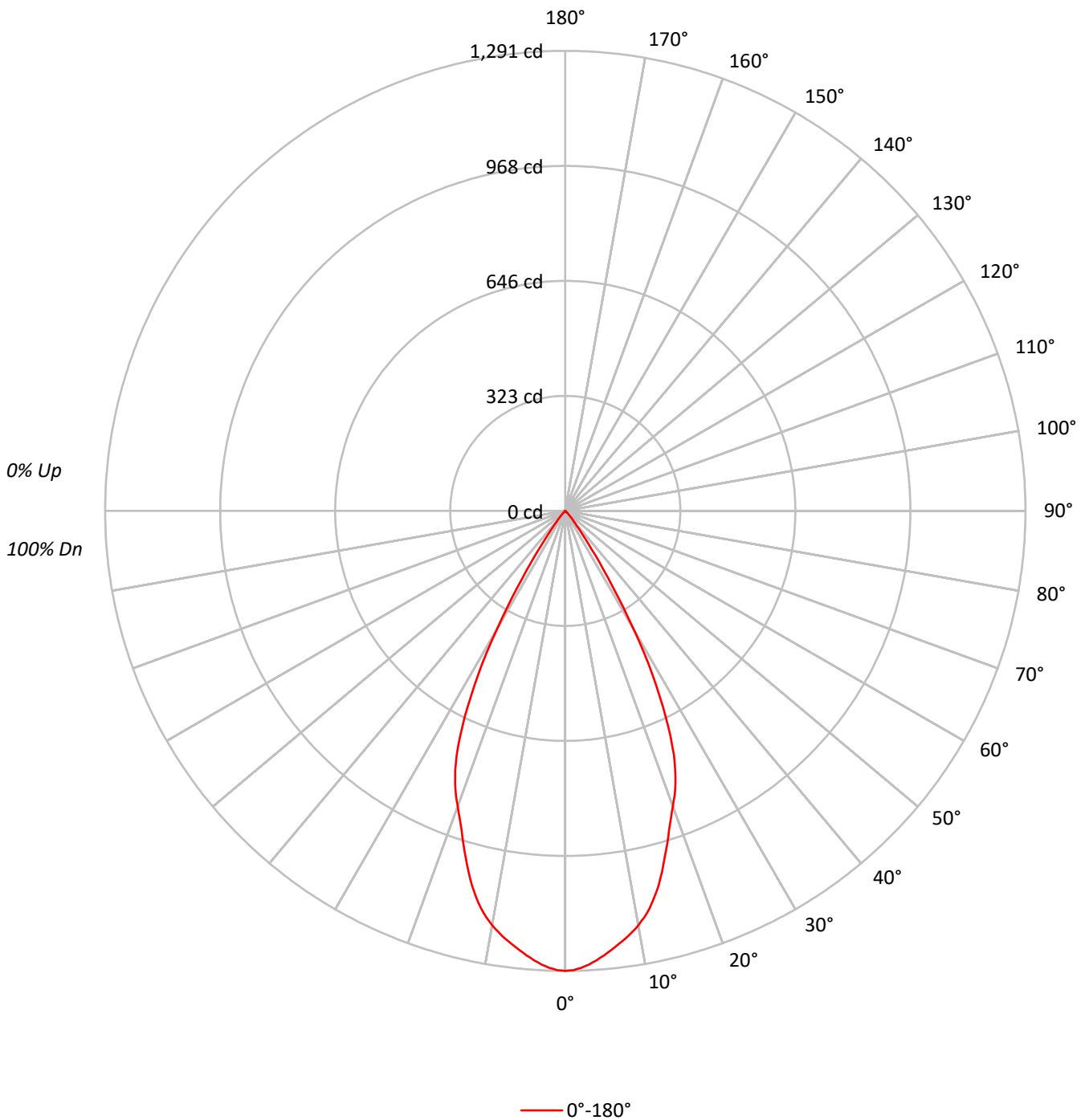
Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	117.2	14.5
10°-20°	290.5	35.9
20°-30°	305.4	37.7
30°-40°	87.4	10.8
40°-50°	8.5	1.1
50°-60°	0.7	0.1
60°-70°	0.3	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°	713.1	88.0
0°-40°	800.5	98.8
0°-60°	809.7	100.0
0°-90°	810.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	810.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1291	
5°	1252	117
15°	1048	291
25°	698	305
35°	113	87
45°	9	9
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1290.9
1°	1288.9
2°	1283.2
3°	1274.9
4°	1263.7
5°	1251.7
6°	1238.9
7°	1225.1
8°	1212.3
9°	1197.4
10°	1180.8
11°	1161.7
12°	1139.7
13°	1112.3
14°	1082.5
15°	1048.5
16°	1012.5
17°	977.7
18°	941.9
19°	910.5
20°	882.5
21°	855.6
22°	825.0
23°	789.9
24°	748.7
25°	698.2
26°	643.3
27°	582.1
28°	521.3
29°	455.5
30°	383.2
31°	315.5
32°	253.2
32.5°	226.1
33°	198.6
34°	152.3
35°	112.6
36°	82.6
37°	61.4
37.5°	53.2
38°	46.0
39°	35.7
40°	28.3
42.5°	16.0
45°	9.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.1
50°	2.0
52.5°	0.9
55°	0.6
57.5°	0.6
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
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)