

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: P1293939

Luminaire Tested: P3AS09R50W2N902765DE010 E3D1H_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293939
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

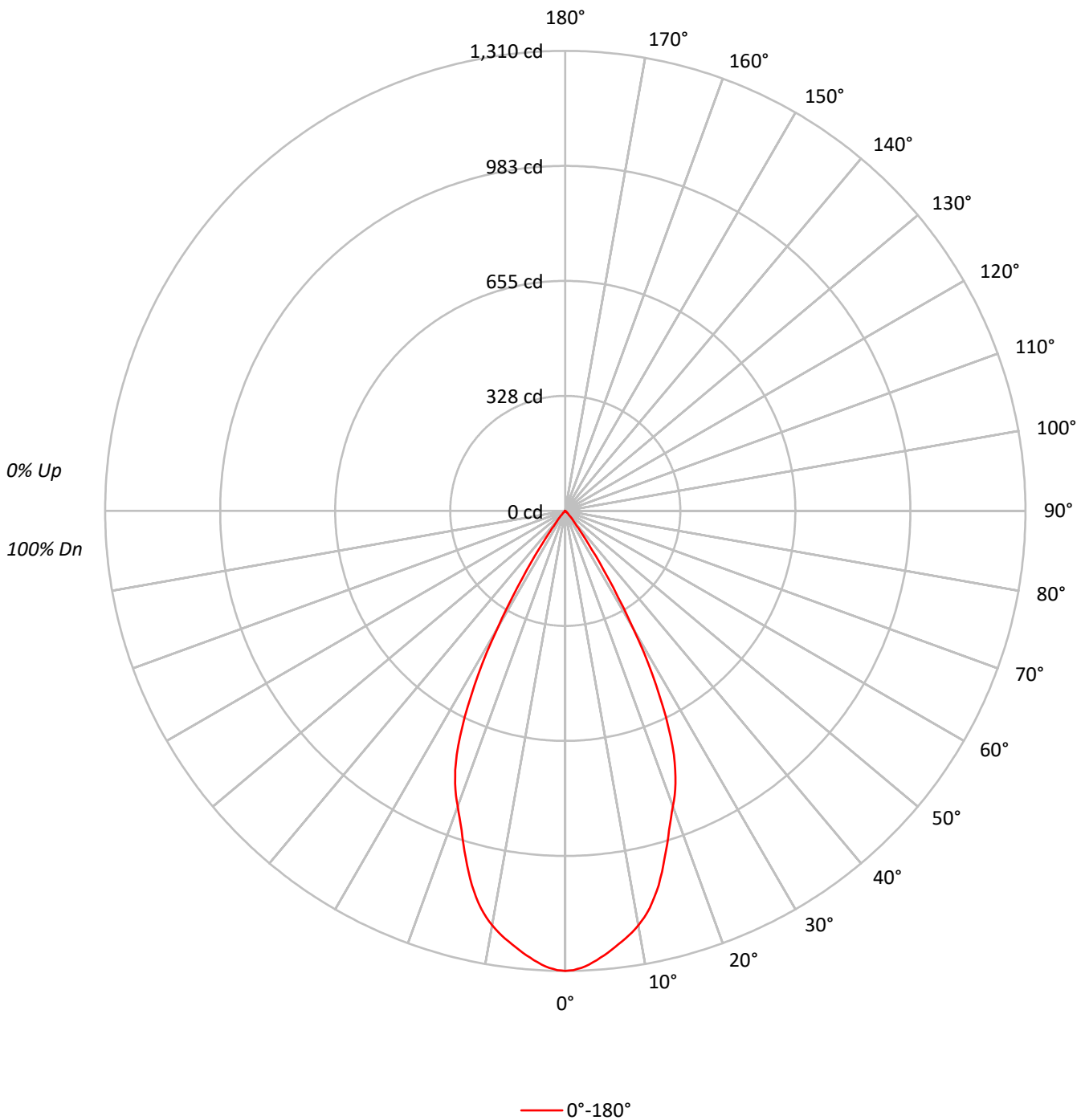
Lumens per Lamp: N/A
Luminaire Lumens: 822.0 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	119.0	14.5
10°-20°	294.8	35.9
20°-30°	309.9	37.7
30°-40°	88.7	10.8
40°-50°	8.7	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°	723.7	88.0
0°-40°	812.4	98.8
0°-60°	821.8	100.0
0°-90°	822.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	822.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1310	
5°	1270	119
15°	1064	295
25°	708	310
35°	114	89
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°	1310.0
1°	1308.0
2°	1302.2
3°	1293.8
4°	1282.4
5°	1270.3
6°	1257.2
7°	1243.3
8°	1230.2
9°	1215.2
10°	1198.3
11°	1178.9
12°	1156.6
13°	1128.7
14°	1098.6
15°	1064.1
16°	1027.5
17°	992.1
18°	955.9
19°	924.0
20°	895.6
21°	868.3
22°	837.3
23°	801.6
24°	759.8
25°	708.5
26°	652.8
27°	590.8
28°	529.0
29°	462.3
30°	388.9
31°	320.2
32°	257.0
32.5°	229.4
33°	201.6
34°	154.6
35°	114.3
36°	83.8
37°	62.4
37.5°	53.9
38°	46.7
39°	36.3
40°	28.7
42.5°	16.2
45°	9.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.2
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)