

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: P1293774

Luminaire Tested: P3AS09R50W2N902750DE010 E3CD1MB\_4000K

Issue Date: 1/30/2026

**Test Information**

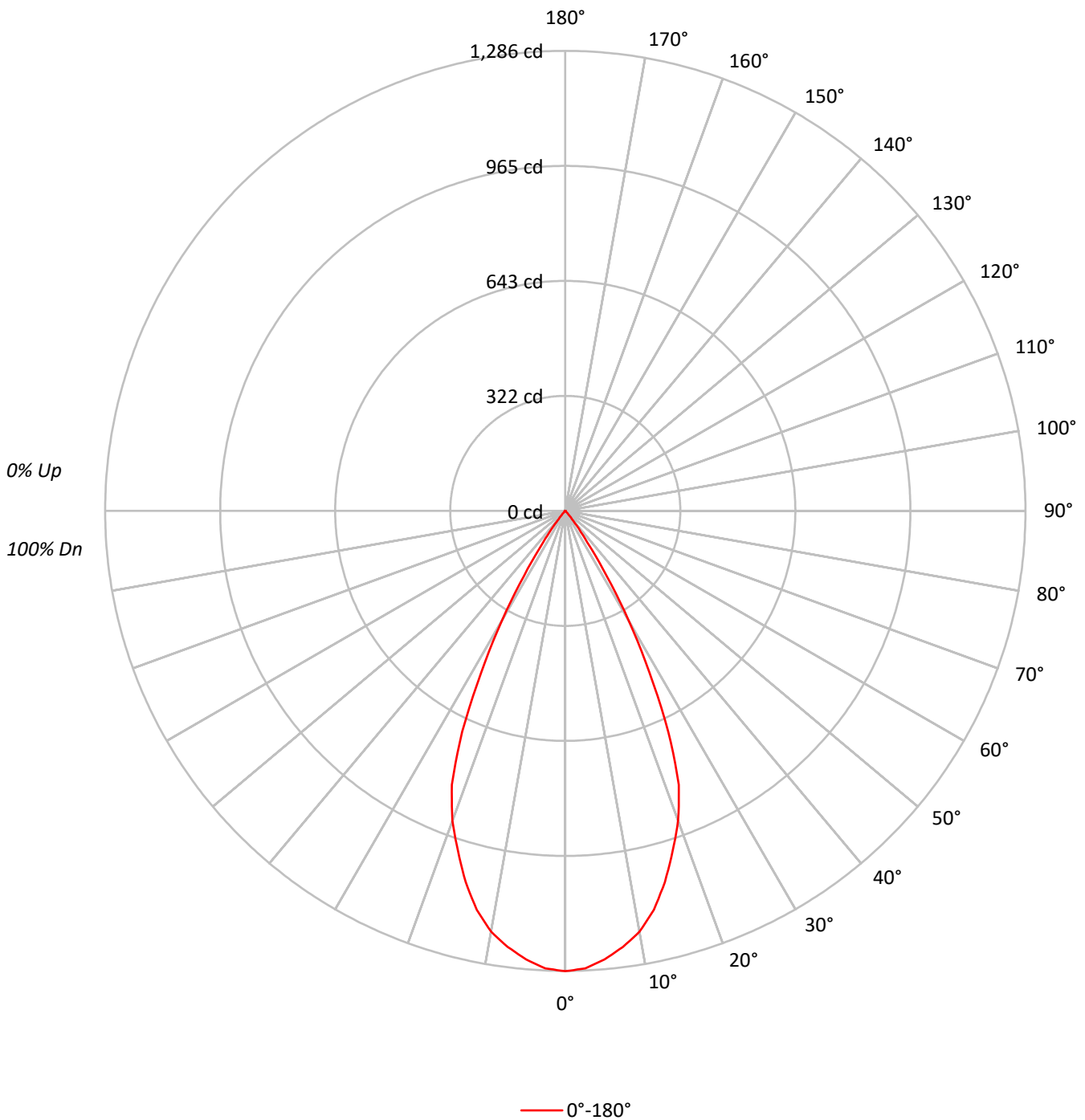
Test Method: LM-79-2019  
Report Number: P1293774  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902750DE010 E3CD1MB\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 90CRI ,  
E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 810.1 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76  
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°	118.1	14.6
10°-20°	298.7	36.9
20°-30°	299.1	36.9
30°-40°	84.1	10.4
40°-50°	5.1	0.6
50°-60°	1.9	0.2
60°-70°	1.6	0.2
70°-80°	1.0	0.1
80°-90°	0.4	0.1
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°	715.9	88.4
0°-40°	800.0	98.8
0°-60°	807.1	99.6
0°-90°	810.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	810.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1286	
5°	1259	118
15°	1074	299
25°	681	299
35°	108	84
45°	3	5
55°	2	2
65°	2	2
75°	1	1
85°	1	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1286.5
2.5°	1280.0
5°	1258.6
7.5°	1229.6
10°	1194.7
12.5°	1142.0
15°	1074.5
17.5°	997.0
20°	921.8
22.5°	828.2
25°	681.4
27.5°	507.4
30°	354.0
32.5°	213.7
35°	107.7
37.5°	50.9
40°	23.7
42.5°	8.9
45°	3.0
47.5°	2.4
50°	2.4
52.5°	2.4
55°	2.4
57.5°	1.8
60°	1.8
62.5°	1.8
65°	1.8
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)