

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: P1301386

Luminaire Tested: P3AS17R50W2N902750DE010 E3D1MW\_2700K

Issue Date: 1/30/2026

**Test Information**

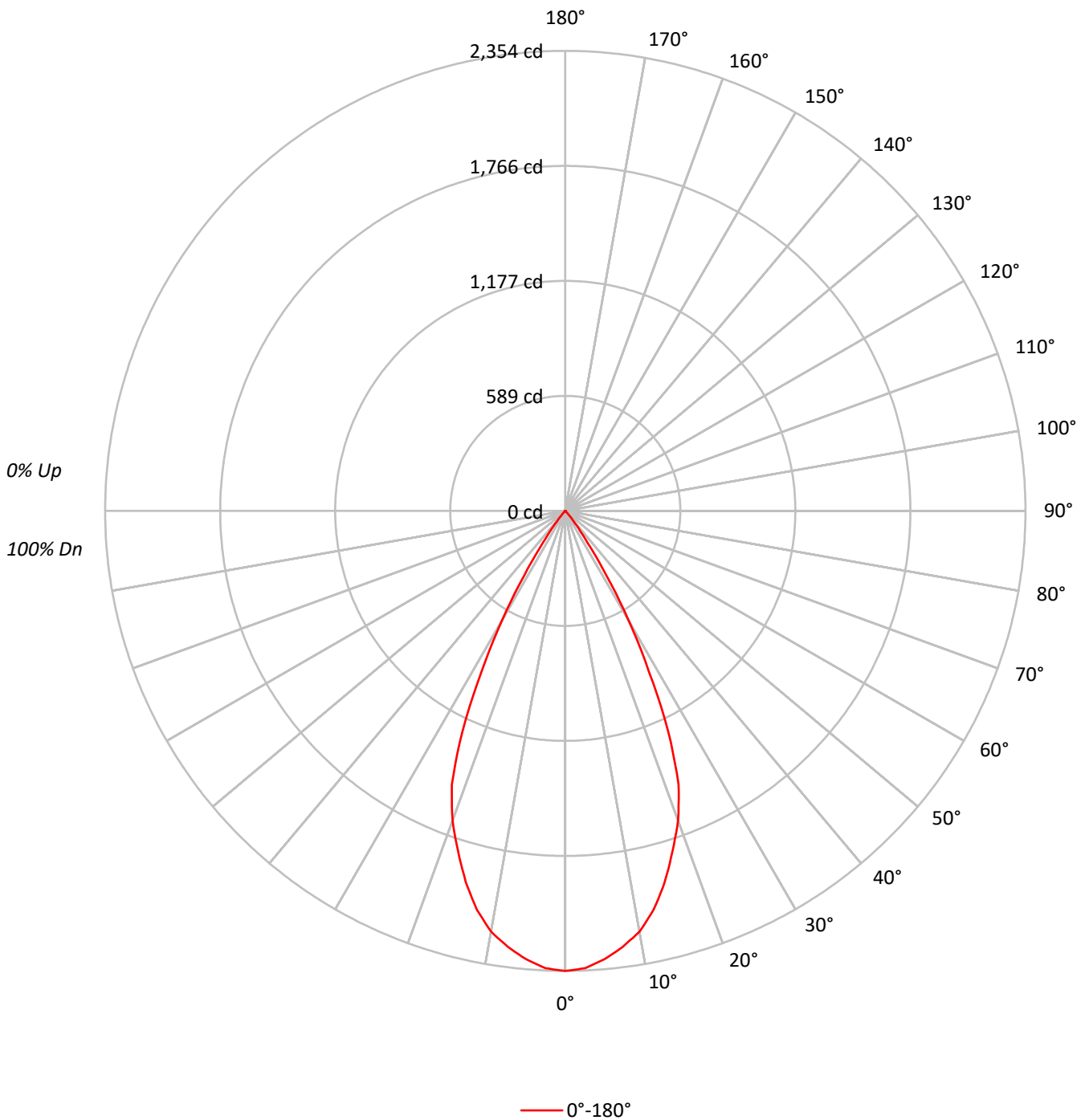
Test Method: LM-79-2019  
Report Number: P1301386  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R50W2N902750DE010 E3D1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,  
E3D1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1482.0 lumens  
Efficiency: N/A  
Efficacy: 76.4 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): 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°	216.1	14.6
10°-20°	546.5	36.9
20°-30°	547.3	36.9
30°-40°	153.9	10.4
40°-50°	9.3	0.6
50°-60°	3.5	0.2
60°-70°	2.8	0.2
70°-80°	1.9	0.1
80°-90°	0.7	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°	1309.9	88.4
0°-40°	1463.8	98.8
0°-60°	1476.5	99.6
0°-90°	1482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1482.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2354	
5°	2303	216
15°	1966	546
25°	1247	547
35°	197	154
45°	5	9
55°	4	3
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2353.8
2.5°	2341.9
5°	2302.9
7.5°	2249.8
10°	2185.9
12.5°	2089.5
15°	1966.0
17.5°	1824.1
20°	1686.5
22.5°	1515.4
25°	1246.7
27.5°	928.3
30°	647.7
32.5°	391.0
35°	197.1
37.5°	93.2
40°	43.3
42.5°	16.2
45°	5.4
47.5°	4.3
50°	4.3
52.5°	4.3
55°	4.3
57.5°	3.2
60°	3.2
62.5°	3.2
65°	3.2
67.5°	2.2
70°	2.2
72.5°	2.2
75°	2.2
77.5°	1.1
80°	1.1
82.5°	1.1
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)