

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: P1301359

Luminaire Tested: P3AS17R50W2N902750DE010 E3CB1MW\_4000K

Issue Date: 1/30/2026

**Test Information**

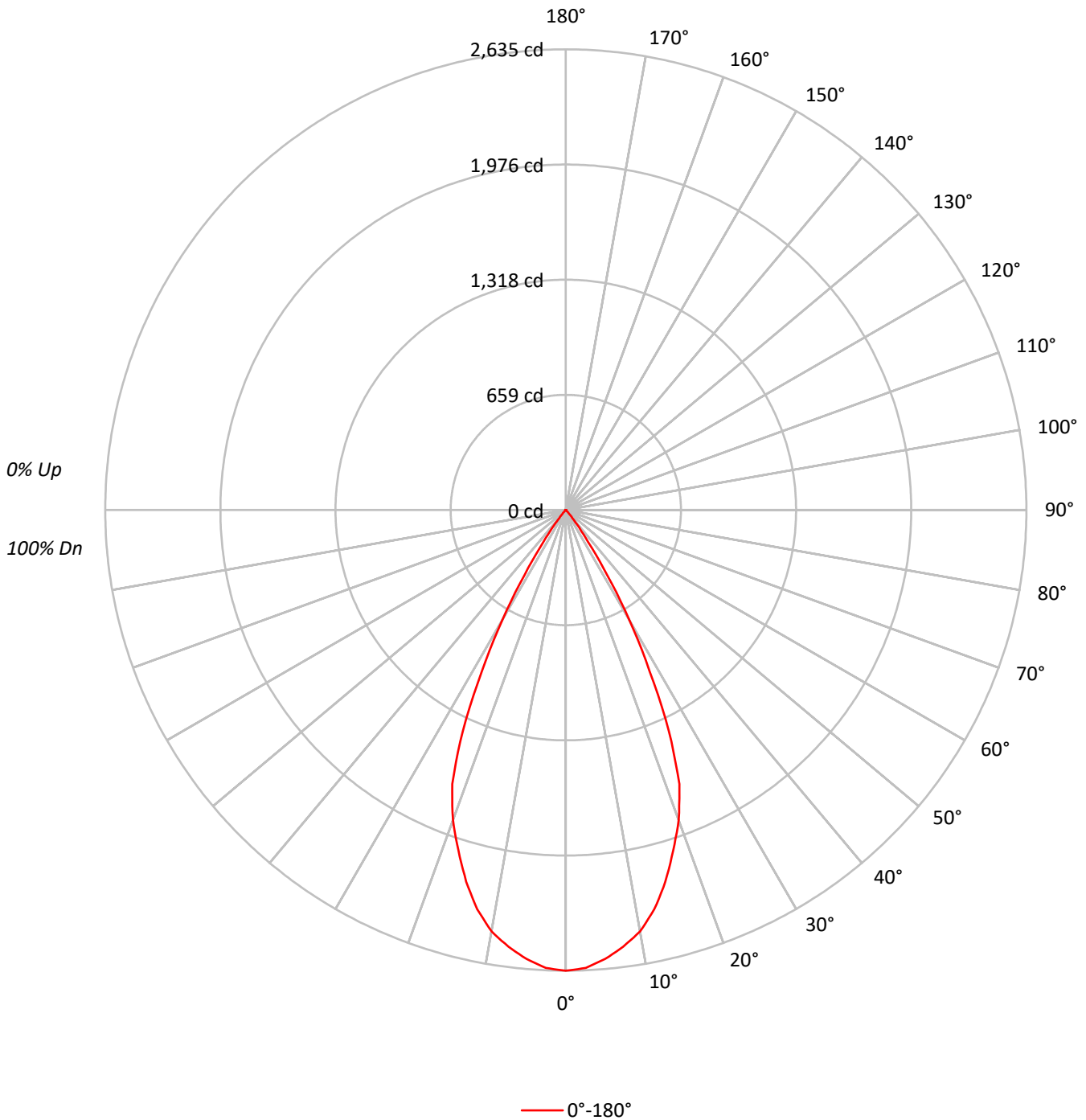
Test Method: LM-79-2019  
Report Number: P1301359  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R50W2N902750DE010 E3CB1MW\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 90CRI ,  
E3CB1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1659.0 lumens  
Efficiency: N/A  
Efficacy: 85.5 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°	241.9	14.6
10°-20°	611.8	36.9
20°-30°	612.7	36.9
30°-40°	172.3	10.4
40°-50°	10.4	0.6
50°-60°	3.9	0.2
60°-70°	3.1	0.2
70°-80°	2.1	0.1
80°-90°	0.8	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°	1466.4	88.4
0°-40°	1638.6	98.8
0°-60°	1653.0	99.6
0°-90°	1659.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1659.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2635	
5°	2578	242
15°	2201	612
25°	1396	613
35°	221	172
45°	6	10
55°	5	4
65°	4	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2634.9
2.5°	2621.5
5°	2577.9
7.5°	2518.5
10°	2446.9
12.5°	2339.0
15°	2200.8
17.5°	2041.9
20°	1888.0
22.5°	1696.4
25°	1395.7
27.5°	1039.2
30°	725.1
32.5°	437.7
35°	220.7
37.5°	104.3
40°	48.5
42.5°	18.2
45°	6.1
47.5°	4.9
50°	4.9
52.5°	4.9
55°	4.9
57.5°	3.6
60°	3.6
62.5°	3.6
65°	3.6
67.5°	2.4
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)