

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: P1301378

Luminaire Tested: P3A17R50W2N902750DE010 E3D1H\_3500K

Issue Date: 1/29/2026

**Test Information**

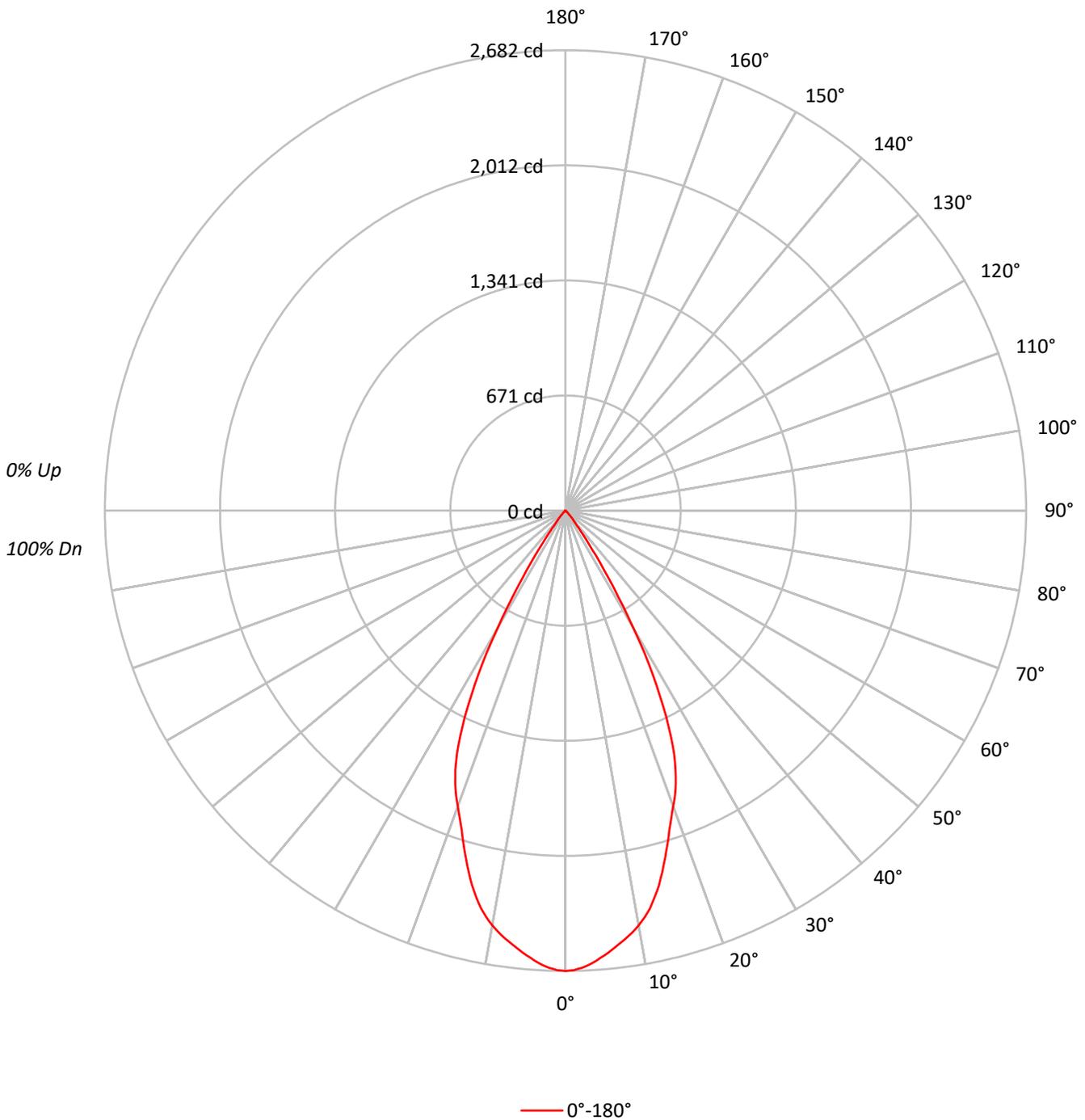
Test Method: LM-79-2019  
Report Number: P1301378  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R50W2N902750DE010 E3D1H\_3500K  
Description: 3in 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: 1683.0 lumens  
Efficiency: N/A  
Efficacy: 86.8 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): 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°	243.6	14.5
10°-20°	603.6	35.9
20°-30°	634.5	37.7
30°-40°	181.6	10.8
40°-50°	17.8	1.1
50°-60°	1.5	0.1
60°-70°	0.5	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°	1481.7	88.0
0°-40°	1663.3	98.8
0°-60°	1682.5	100.0
0°-90°	1683.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1683.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2682	
5°	2601	244
15°	2179	604
25°	1451	634
35°	234	182
45°	19	18
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2682.1
1°	2678.0
2°	2666.1
3°	2648.9
4°	2625.7
5°	2600.8
6°	2574.1
7°	2545.6
8°	2518.8
9°	2488.0
10°	2453.5
11°	2413.7
12°	2368.0
13°	2311.0
14°	2249.3
15°	2178.6
16°	2103.8
17°	2031.3
18°	1957.1
19°	1891.8
20°	1833.6
21°	1777.8
22°	1714.3
23°	1641.2
24°	1555.7
25°	1450.6
26°	1336.6
27°	1209.5
28°	1083.1
29°	946.5
30°	796.3
31°	655.5
32°	526.1
32.5°	469.7
33°	412.7
34°	316.5
35°	234.0
36°	171.6
37°	127.7
37.5°	110.4
38°	95.6
39°	74.2
40°	58.8
42.5°	33.3
45°	19.0



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	10.7
50°	4.2
52.5°	1.8
55°	1.2
57.5°	1.2
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
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)