

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: P1301404

Luminaire Tested: P3A17R50W2N902750DE010 E3DL1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

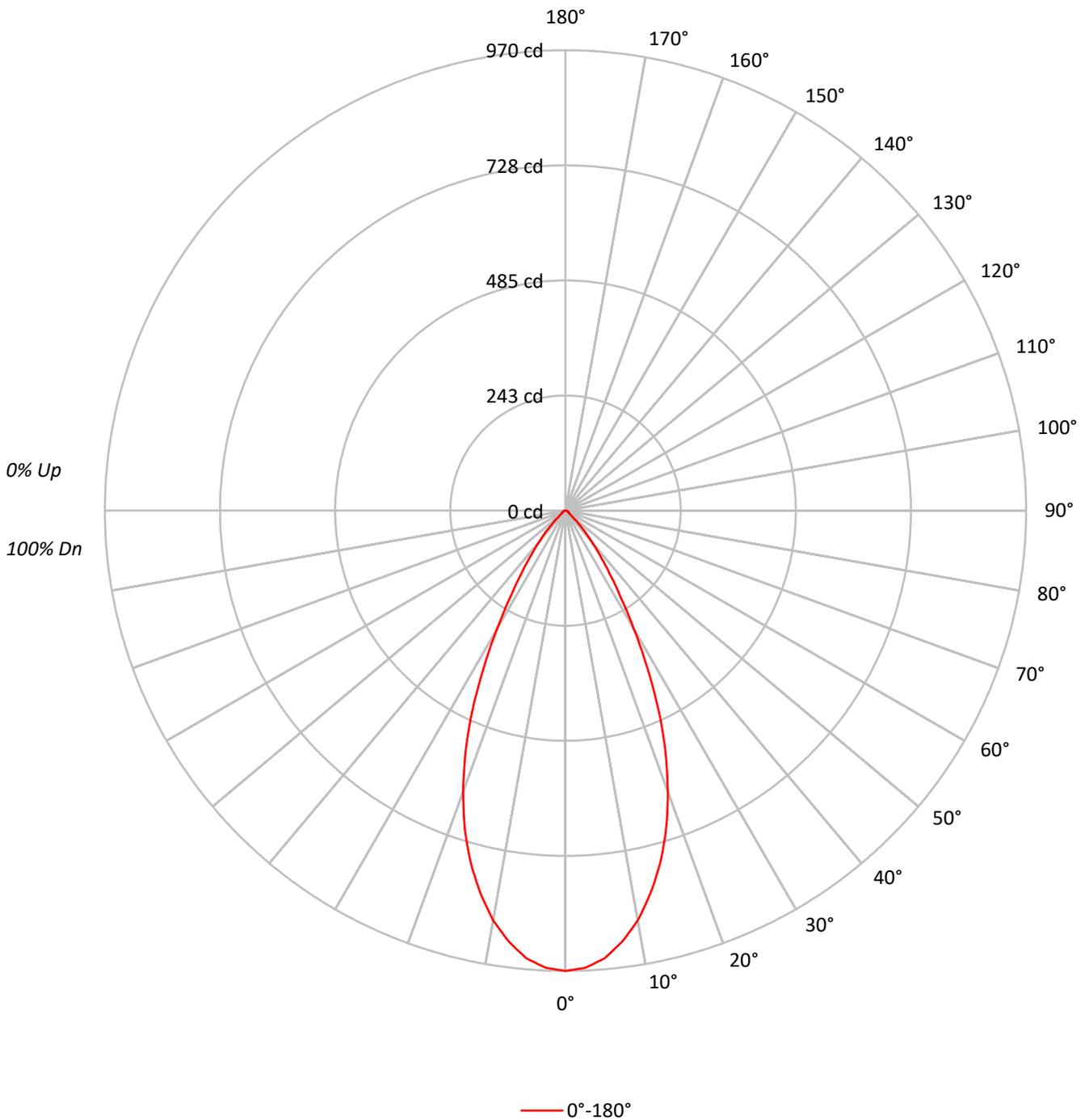
Test Method: LM-79-2019  
Report Number: P1301404  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R50W2N902750DE010 E3DL1GPH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 668.1 lumens  
Efficiency: N/A  
Efficacy: 34.4 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
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°	88.1	13.2
10°-20°	212.9	31.9
20°-30°	208.8	31.3
30°-40°	105.2	15.8
40°-50°	33.3	5.0
50°-60°	8.6	1.3
60°-70°	6.1	0.9
70°-80°	3.8	0.6
80°-90°	1.3	0.2
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°	509.8	76.3
0°-40°	615.0	92.1
0°-60°	656.9	98.3
0°-90°	668.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	668.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	970	
5°	947	88
15°	770	213
25°	464	209
35°	162	105
45°	40	33
55°	10	9
65°	6	6
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	969.9
2.5°	964.0
5°	946.7
7.5°	915.8
10°	876.6
12.5°	826.2
15°	769.7
17.5°	704.4
20°	630.2
22.5°	550.0
25°	463.9
27.5°	372.4
30°	288.1
32.5°	216.8
35°	161.6
37.5°	119.4
40°	87.3
42.5°	61.8
45°	40.4
47.5°	23.2
50°	13.7
52.5°	10.1
55°	9.5
57.5°	8.3
60°	7.7
62.5°	7.1
65°	5.9
67.5°	5.3
70°	4.8
72.5°	4.2
75°	3.6
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)