

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: P1300785

Luminaire Tested: P3AS17R40W2N902750DE010 E3D1H\_4000K

Issue Date: 1/29/2026

**Test Information**

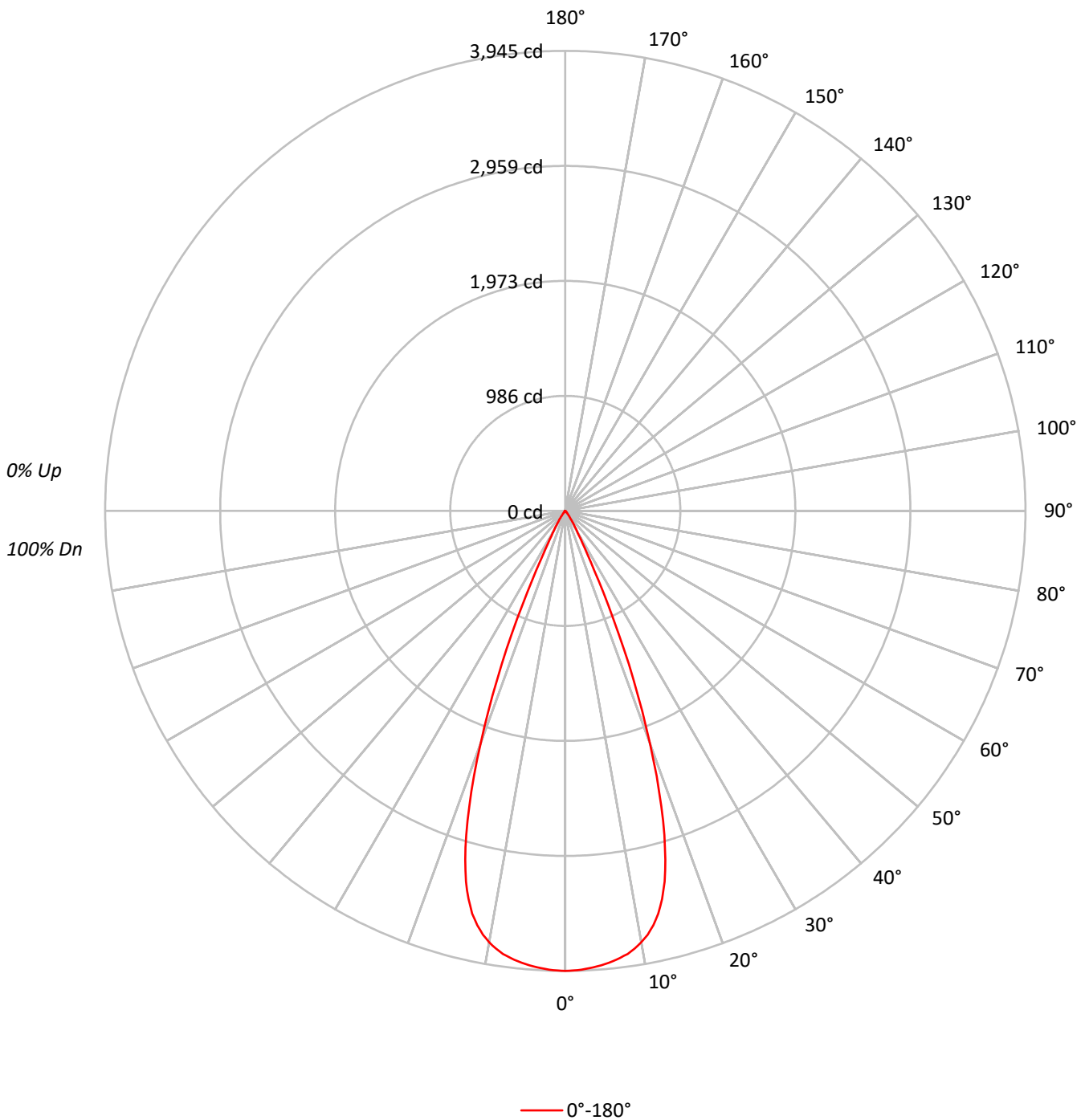
Test Method: LM-79-2019  
Report Number: P1300785  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R40W2N902750DE010 E3D1H\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1697.0 lumens  
Efficiency: N/A  
Efficacy: 87.5 lumens/watt  
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6  
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°	368.2	21.7
10°-20°	871.9	51.4
20°-30°	395.4	23.3
30°-40°	51.3	3.0
40°-50°	8.9	0.5
50°-60°	1.1	0.1
60°-70°	0.4	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°	1635.5	96.4
0°-40°	1686.7	99.4
0°-60°	1696.6	100.0
0°-90°	1697.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1697.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3945	
5°	3901	368
15°	3291	872
25°	767	395
35°	72	51
45°	11	9
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3944.7
1°	3942.3
2°	3936.4
3°	3927.5
4°	3916.2
5°	3901.3
6°	3884.1
7°	3862.7
8°	3836.6
9°	3800.9
10°	3755.8
11°	3702.9
12°	3632.2
13°	3544.9
14°	3430.8
15°	3290.6
16°	3111.8
17°	2908.0
18°	2663.3
19°	2404.9
20°	2122.7
21°	1840.5
22°	1562.4
23°	1285.6
24°	1013.5
25°	767.0
26°	567.9
27°	415.9
28°	312.5
29°	243.0
30°	196.0
31°	162.2
32°	135.5
32.5°	123.6
33°	111.7
34°	90.9
35°	72.5
36°	57.0
37°	45.2
37.5°	40.4
38°	35.6
39°	29.7
40°	24.4
42.5°	16.0
45°	10.7



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	6.5
50°	3.0
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.0
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)