

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: P1300955

Luminaire Tested: P3A17R40W2N902765DE010 E3D1WH\_5000K

Issue Date: 1/29/2026

**Test Information**

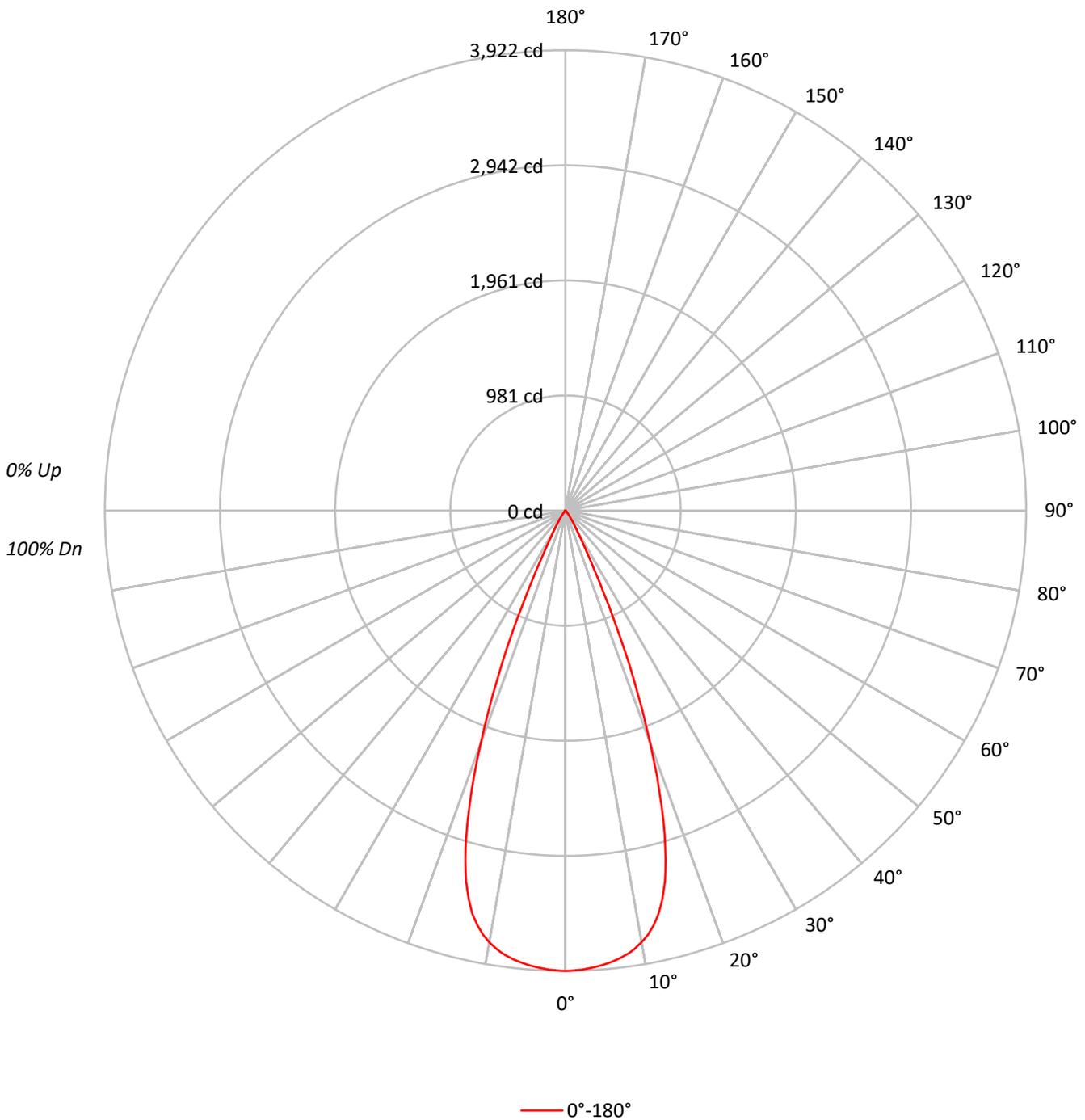
Test Method: LM-79-2019  
Report Number: P1300955  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R40W2N902765DE010 E3D1WH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 90CRI ,  
E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1687.0 lumens  
Efficiency: N/A  
Efficacy: 87.0 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°	366.0	21.7
10°-20°	866.8	51.4
20°-30°	393.1	23.3
30°-40°	50.9	3.0
40°-50°	8.8	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°	1625.8	96.4
0°-40°	1676.8	99.4
0°-60°	1686.6	100.0
0°-90°	1687.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1687.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3922	
5°	3878	366
15°	3271	867
25°	762	393
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°	3921.5
1°	3919.1
2°	3913.2
3°	3904.3
4°	3893.1
5°	3878.4
6°	3861.2
7°	3840.0
8°	3814.0
9°	3778.5
10°	3733.7
11°	3681.1
12°	3610.8
13°	3524.0
14°	3410.6
15°	3271.2
16°	3093.5
17°	2890.9
18°	2647.6
19°	2390.7
20°	2110.2
21°	1829.6
22°	1553.2
23°	1278.0
24°	1007.5
25°	762.4
26°	564.6
27°	413.4
28°	310.6
29°	241.5
30°	194.9
31°	161.2
32°	134.7
32.5°	122.8
33°	111.0
34°	90.4
35°	72.1
36°	56.7
37°	44.9
37.5°	40.2
38°	35.4
39°	29.5
40°	24.2
42.5°	15.9
45°	10.6



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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)