

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: P1257863

Luminaire Tested: P3AS17R509040DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

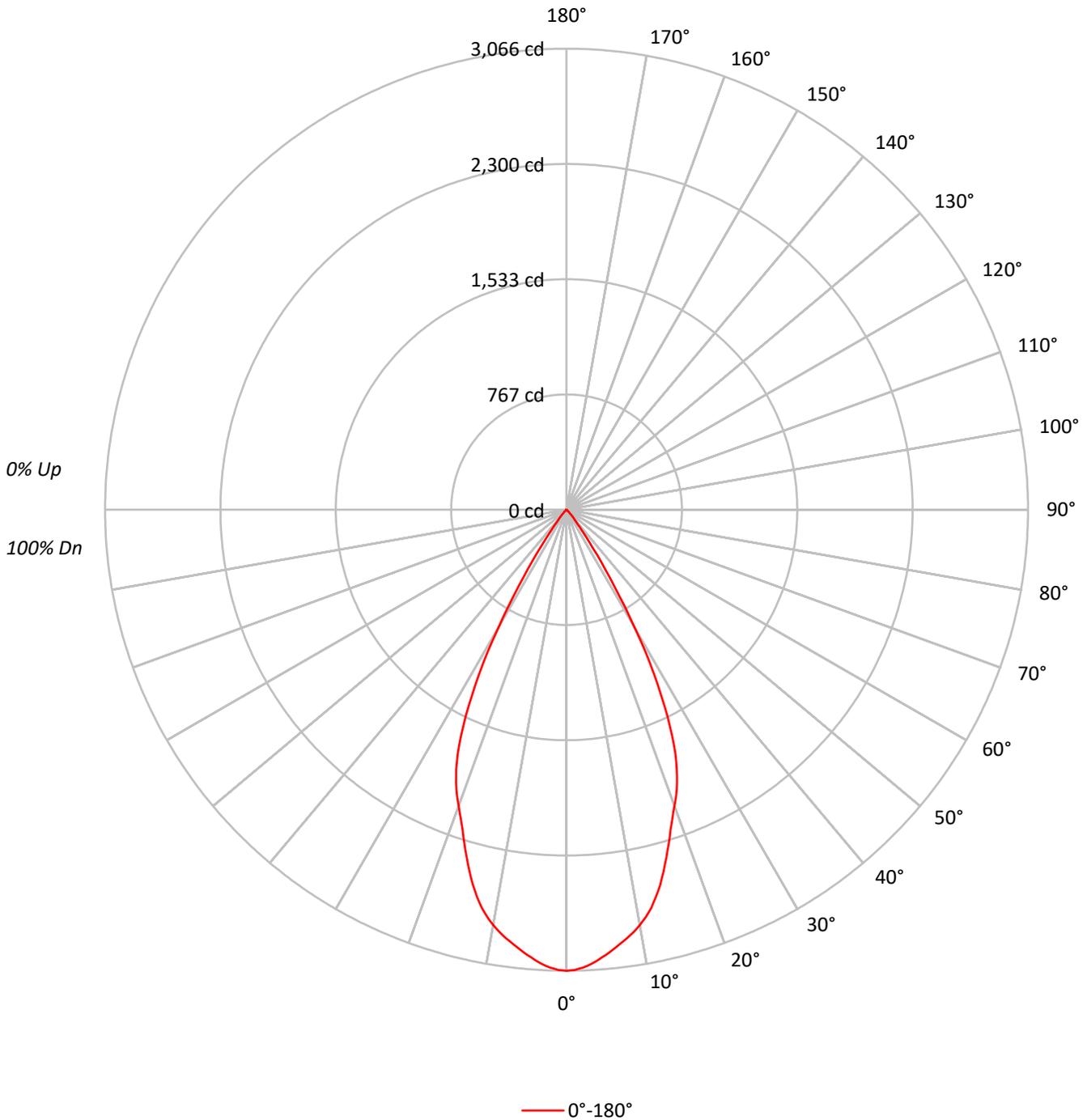
Test Method: LM-79-2019  
Report Number: P1257863  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R509040DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1924.0 lumens  
Efficiency: N/A  
Efficacy: 90.8 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): 21.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	278.5	14.5
10°-20°	690.1	35.9
20°-30°	725.3	37.7
30°-40°	207.6	10.8
40°-50°	20.3	1.1
50°-60°	1.7	0.1
60°-70°	0.6	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°	1693.9	88.0
0°-40°	1901.5	98.8
0°-60°	1923.4	100.0
0°-90°	1924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1924.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3066	
5°	2973	278
15°	2491	690
25°	1658	725
35°	268	208
45°	22	20
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3066.2
1°	3061.5
2°	3047.9
3°	3028.2
4°	3001.7
5°	2973.2
6°	2942.7
7°	2910.1
8°	2879.5
9°	2844.2
10°	2804.9
11°	2759.4
12°	2707.1
13°	2642.0
14°	2571.4
15°	2490.6
16°	2405.0
17°	2322.2
18°	2237.4
19°	2162.7
20°	2096.2
21°	2032.4
22°	1959.7
23°	1876.2
24°	1778.5
25°	1658.3
26°	1528.0
27°	1382.7
28°	1238.2
29°	1082.0
30°	910.3
31°	749.4
32°	601.4
32.5°	536.9
33°	471.8
34°	361.8
35°	267.5
36°	196.2
37°	145.9
37.5°	126.3
38°	109.3
39°	84.9
40°	67.2
42.5°	38.0
45°	21.7



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	12.2
50°	4.8
52.5°	2.0
55°	1.4
57.5°	1.4
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
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)