

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: P1293367

Luminaire Tested: P3AS09R40W2N902765DE010 E3D1WMH\_2700K

Issue Date: 1/29/2026

**Test Information**

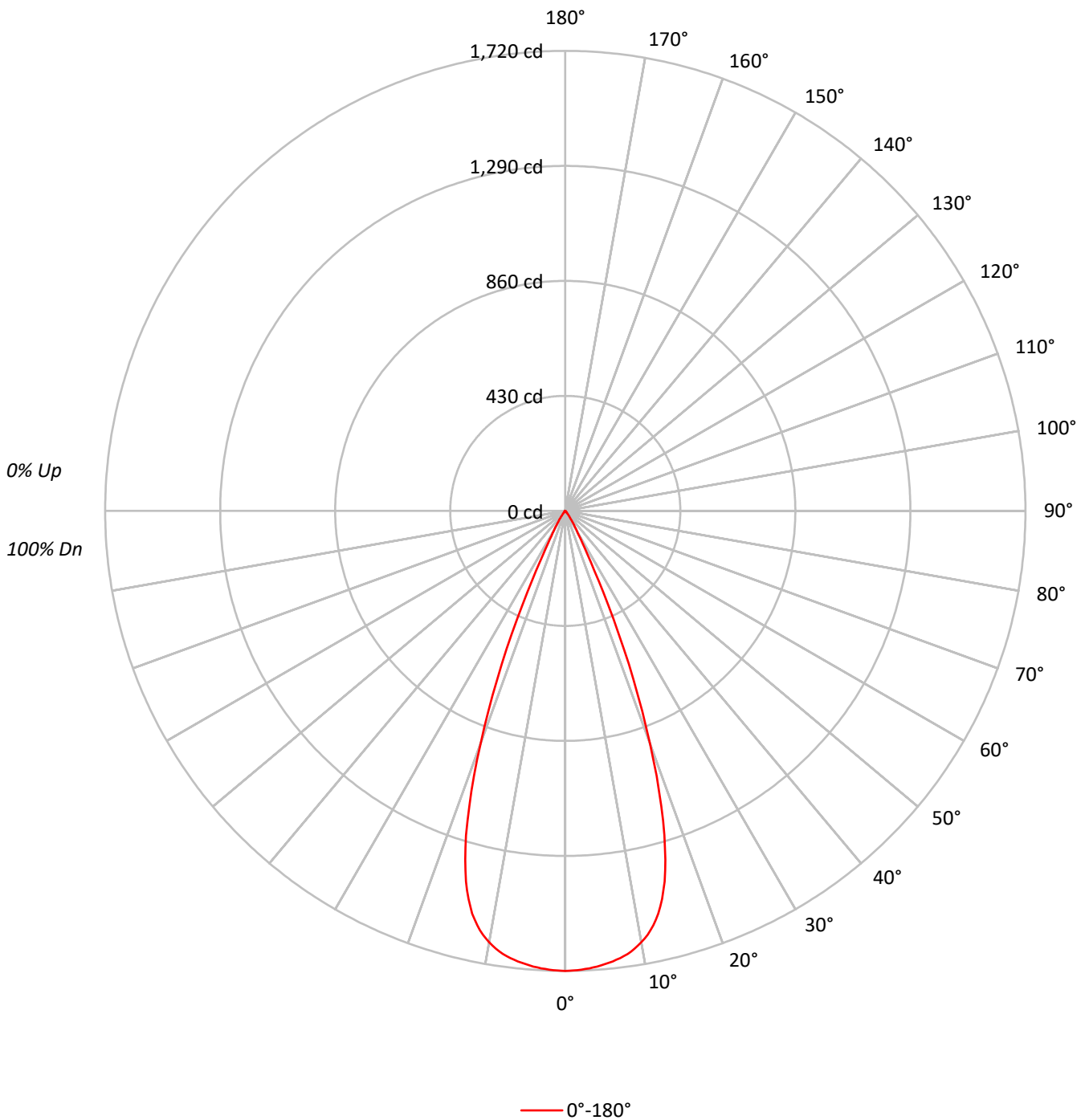
Test Method: LM-79-2019  
Report Number: P1293367  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R40W2N902765DE010 E3D1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 740.0 lumens  
Efficiency: N/A  
Efficacy: 82.2 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): 9  
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°	160.5	21.7
10°-20°	380.2	51.4
20°-30°	172.4	23.3
30°-40°	22.3	3.0
40°-50°	3.9	0.5
50°-60°	0.5	0.1
60°-70°	0.2	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°	713.2	96.4
0°-40°	735.5	99.4
0°-60°	739.9	100.0
0°-90°	740.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1720	
5°	1701	161
15°	1435	380
25°	334	172
35°	32	22
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1720.1
1°	1719.1
2°	1716.5
3°	1712.6
4°	1707.7
5°	1701.2
6°	1693.7
7°	1684.4
8°	1673.0
9°	1657.5
10°	1637.8
11°	1614.7
12°	1583.9
13°	1545.8
14°	1496.1
15°	1434.9
16°	1356.9
17°	1268.1
18°	1161.4
19°	1048.7
20°	925.6
21°	802.6
22°	681.3
23°	560.6
24°	442.0
25°	334.4
26°	247.7
27°	181.3
28°	136.3
29°	106.0
30°	85.5
31°	70.7
32°	59.1
32.5°	53.9
33°	48.7
34°	39.6
35°	31.6
36°	24.9
37°	19.7
37.5°	17.6
38°	15.5
39°	13.0
40°	10.6
42.5°	7.0
45°	4.7



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	2.8
50°	1.3
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
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)