

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: P1293368

Luminaire Tested: P3AS09R40W2N902765DE010 E3D1WMH\_3000K

Issue Date: 1/29/2026

**Test Information**

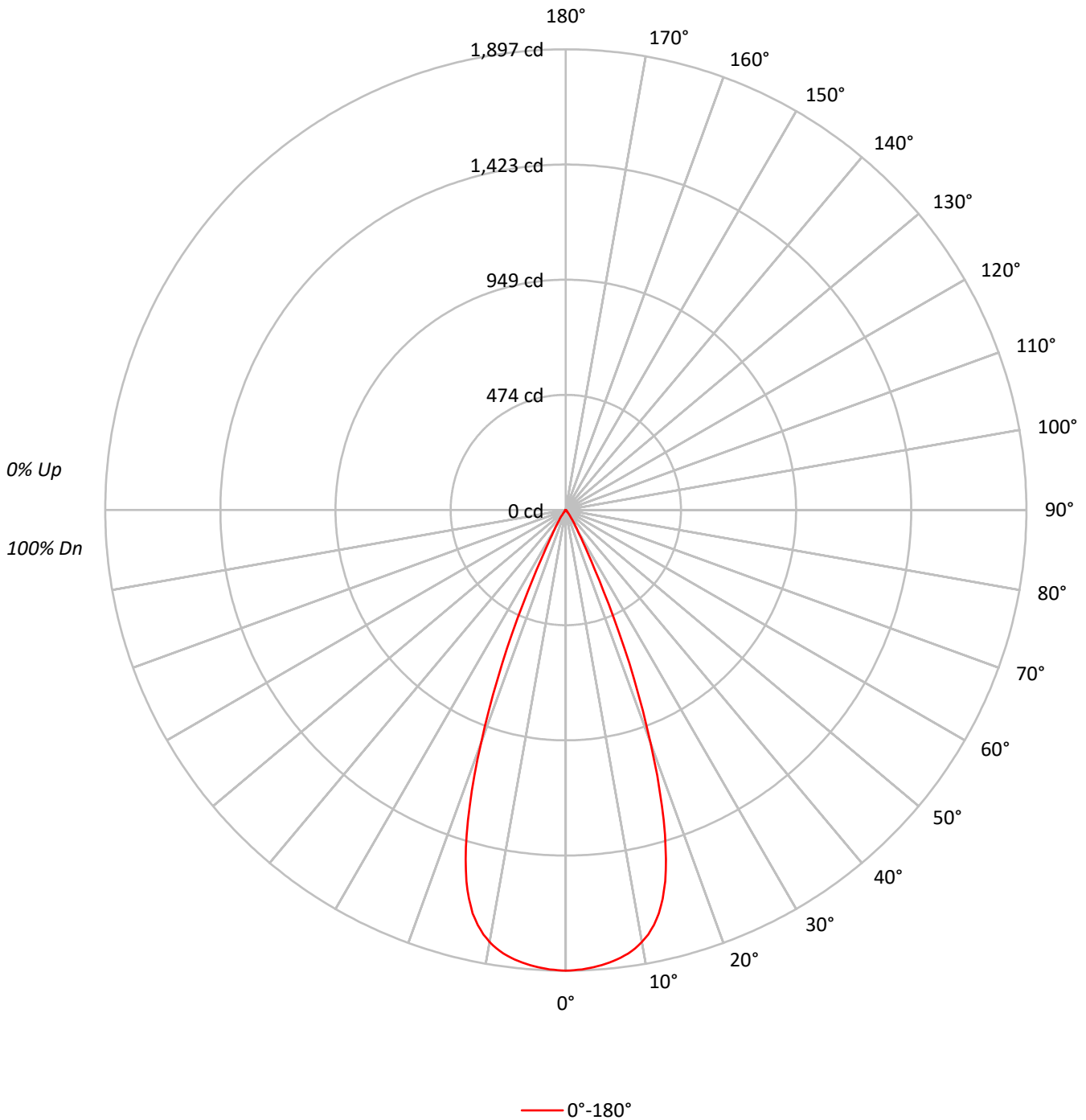
Test Method: LM-79-2019  
Report Number: P1293368  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R40W2N902765DE010 E3D1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 816.0 lumens  
Efficiency: N/A  
Efficacy: 90.7 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°	177.0	21.7
10°-20°	419.3	51.4
20°-30°	190.1	23.3
30°-40°	24.6	3.0
40°-50°	4.2	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°	786.4	96.4
0°-40°	811.1	99.4
0°-60°	815.8	100.0
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1897	
5°	1876	177
15°	1582	419
25°	369	190
35°	35	25
45°	5	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1896.8
1°	1895.7
2°	1892.8
3°	1888.5
4°	1883.1
5°	1876.0
6°	1867.7
7°	1857.4
8°	1844.8
9°	1827.7
10°	1806.0
11°	1780.5
12°	1746.6
13°	1704.6
14°	1649.7
15°	1582.3
16°	1496.3
17°	1398.3
18°	1280.6
19°	1156.4
20°	1020.7
21°	885.0
22°	751.3
23°	618.2
24°	487.3
25°	368.8
26°	273.1
27°	200.0
28°	150.3
29°	116.8
30°	94.3
31°	78.0
32°	65.1
32.5°	59.4
33°	53.7
34°	43.7
35°	34.9
36°	27.4
37°	21.7
37.5°	19.4
38°	17.1
39°	14.3
40°	11.7
42.5°	7.7
45°	5.1



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	3.1
50°	1.4
52.5°	0.6
55°	0.6
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)