

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: P1294124

Luminaire Tested: P3A09R55W2N902750DE010 E3D1WH\_5000K

Issue Date: 1/29/2026

**Test Information**

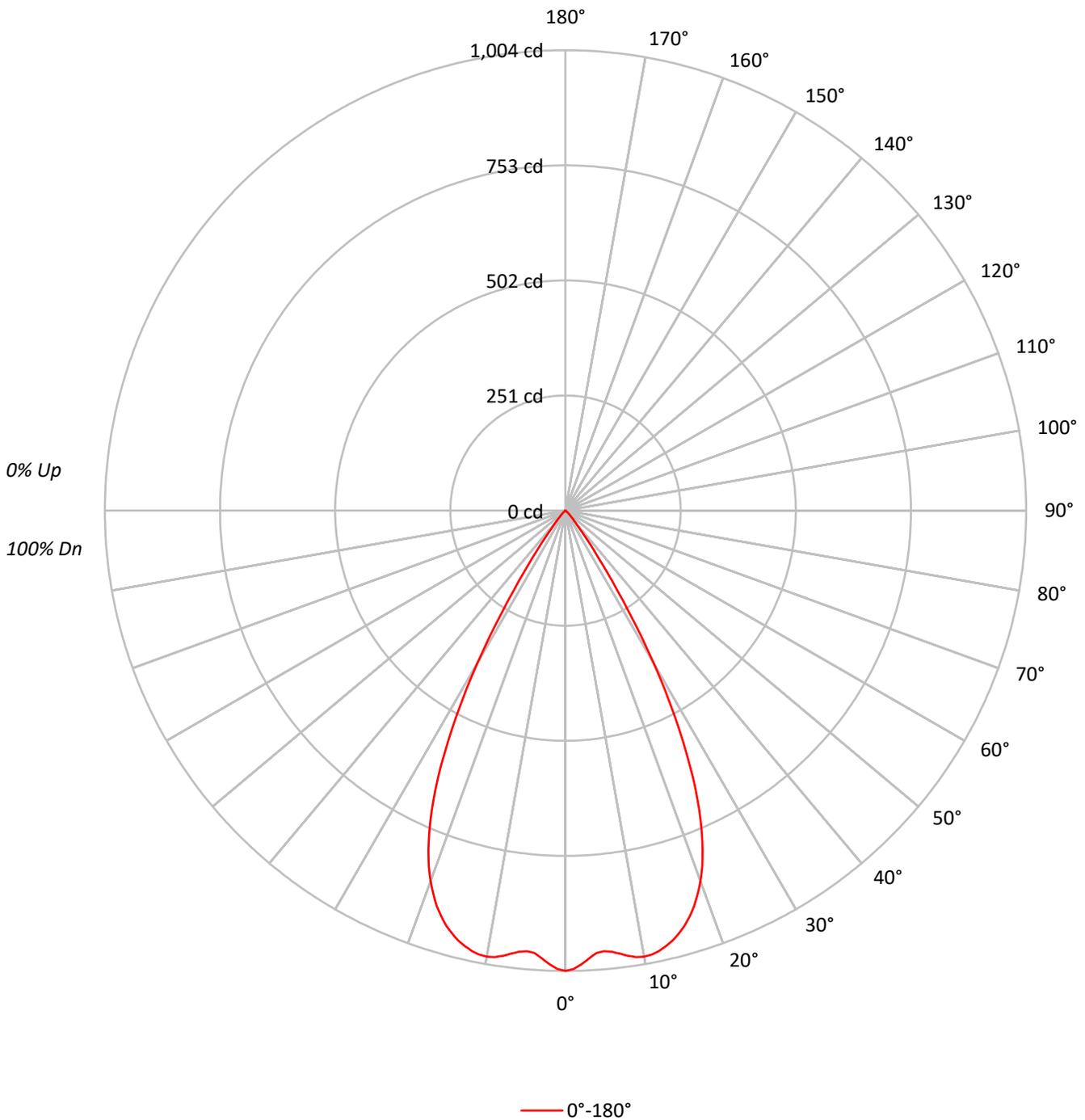
Test Method: LM-79-2019  
Report Number: P1294124  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R55W2N902750DE010 E3D1WH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,  
E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 759.0 lumens  
Efficiency: N/A  
Efficacy: 84.3 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
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°	93.3	12.3
10°-20°	265.9	35.0
20°-30°	295.6	38.9
30°-40°	92.0	12.1
40°-50°	11.1	1.5
50°-60°	0.9	0.1
60°-70°	0.3	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°	654.8	86.3
0°-40°	746.8	98.4
0°-60°	758.7	100.0
0°-90°	759.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	759.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1004	
5°	964	93
15°	955	266
25°	671	296
35°	123	92
45°	13	11
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1003.7
1°	1000.0
2°	990.2
3°	978.1
4°	967.1
5°	964.5
6°	967.4
7°	973.5
8°	980.4
9°	985.9
10°	987.6
11°	986.4
12°	981.8
13°	974.6
14°	966.3
15°	955.0
16°	942.0
17°	925.6
18°	907.1
19°	884.9
20°	859.9
21°	831.3
22°	797.6
23°	760.4
24°	717.7
25°	670.7
26°	619.1
27°	564.3
28°	505.8
29°	445.5
30°	384.1
31°	322.4
32°	262.1
32.5°	235.3
33°	207.6
34°	160.6
35°	123.1
36°	93.7
37°	69.5
37.5°	59.4
38°	51.6
39°	39.2
40°	31.7
42.5°	20.2
45°	13.0



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	7.8
50°	3.5
52.5°	1.2
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
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)