

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: P1294128

Luminaire Tested: P3AS09R55W2N902750DE010 E3D1WMH\_4000K

Issue Date: 1/29/2026

**Test Information**

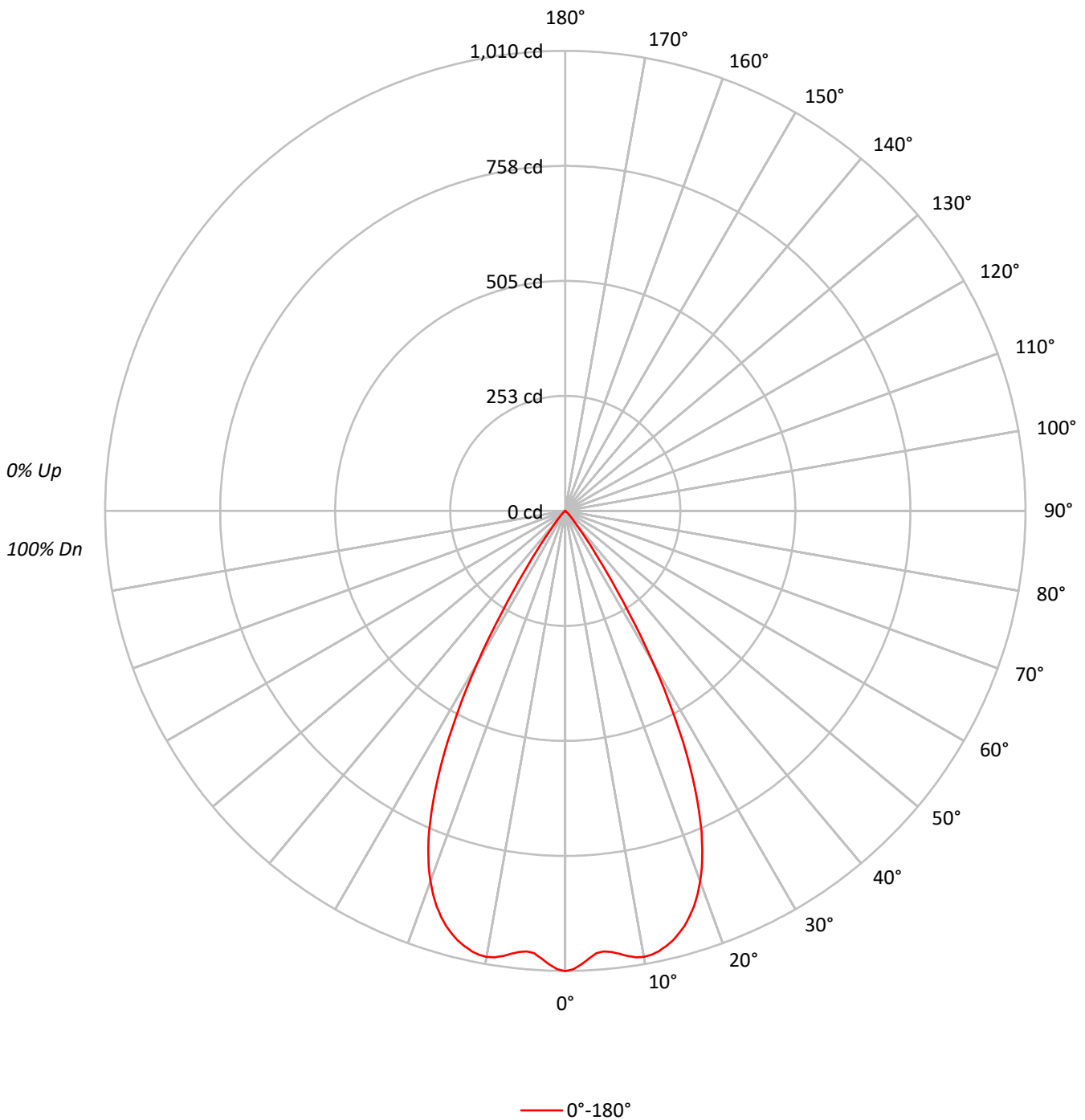
Test Method: LM-79-2019  
Report Number: P1294128  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902750DE010 E3D1WMH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 764.0 lumens  
Efficiency: N/A  
Efficacy: 84.9 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°	93.9	12.3
10°-20°	267.6	35.0
20°-30°	297.5	38.9
30°-40°	92.6	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°	659.1	86.3
0°-40°	751.7	98.4
0°-60°	763.7	100.0
0°-90°	764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1010	
5°	971	94
15°	961	268
25°	675	298
35°	124	93
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°	1010.4
1°	1006.6
2°	996.7
3°	984.5
4°	973.5
5°	970.9
6°	973.8
7°	979.9
8°	986.8
9°	992.4
10°	994.1
11°	992.9
12°	988.3
13°	981.0
14°	972.6
15°	961.3
16°	948.2
17°	931.7
18°	913.1
19°	890.8
20°	865.5
21°	836.8
22°	802.8
23°	765.4
24°	722.4
25°	675.1
26°	623.2
27°	568.0
28°	509.1
29°	448.4
30°	386.6
31°	324.5
32°	263.8
32.5°	236.8
33°	209.0
34°	161.7
35°	123.9
36°	94.3
37°	69.9
37.5°	59.8
38°	52.0
39°	39.5
40°	31.9
42.5°	20.3
45°	13.1



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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)