

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: P1298862

Luminaire Tested: P3A13R70W2N902750DE010 E3D1LI_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298862
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R70W2N902750DE010 E3D1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

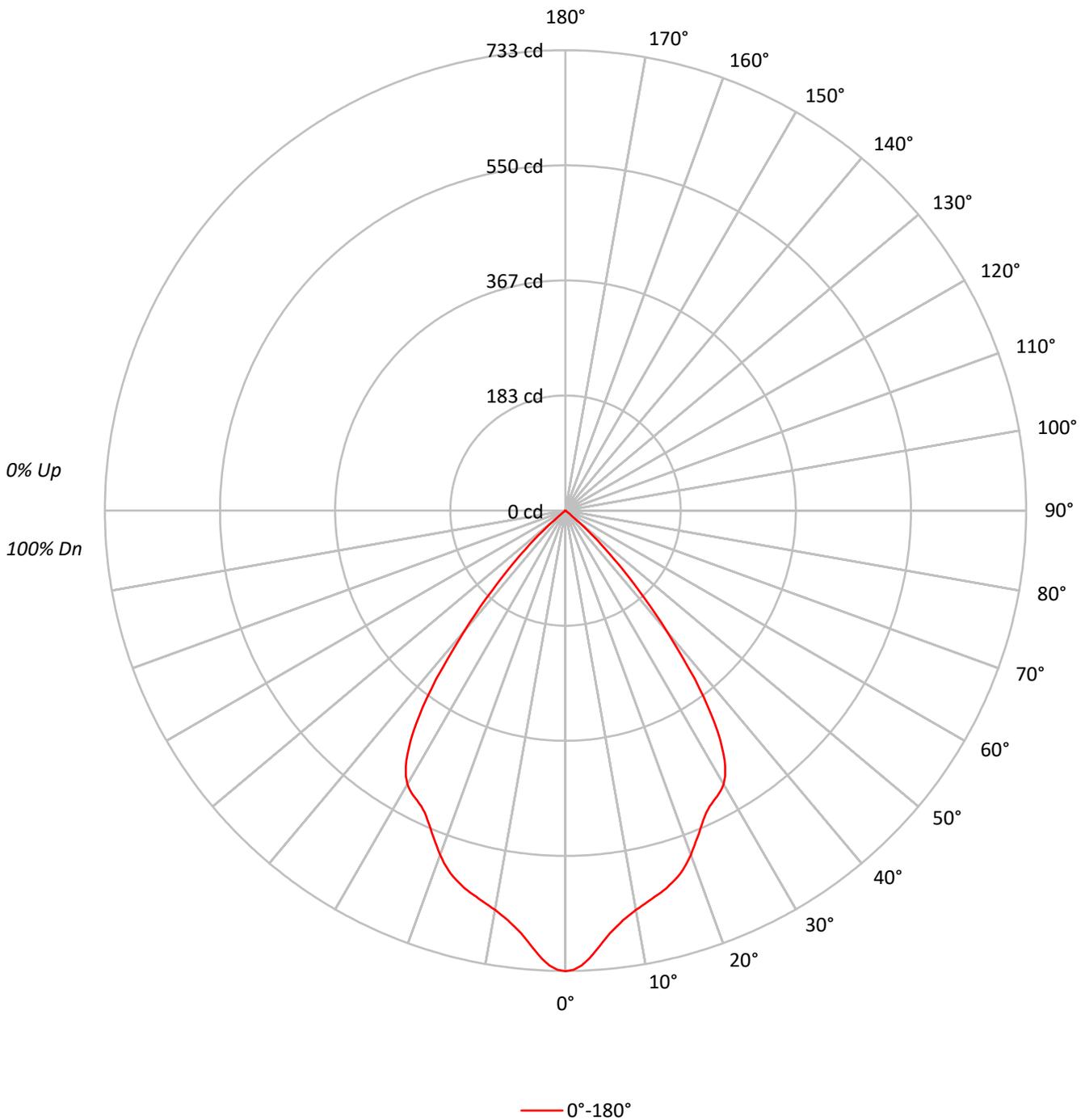
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 827.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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°	64.3	7.8
10°-20°	174.7	21.1
20°-30°	247.1	29.9
30°-40°	248.3	30.0
40°-50°	89.3	10.8
50°-60°	2.4	0.3
60°-70°	0.5	0.1
70°-80°	0.3	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°	486.1	58.8
0°-40°	734.4	88.8
0°-60°	826.1	99.9
0°-90°	827.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	827.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	733	
5°	689	64
15°	622	175
25°	530	247
35°	414	248
45°	109	89
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	733.3
1°	731.3
2°	724.8
3°	714.6
4°	701.7
5°	688.8
6°	676.6
7°	667.1
8°	658.6
9°	651.8
10°	645.7
11°	640.6
12°	635.8
13°	631.1
14°	626.7
15°	621.9
16°	616.1
17°	610.0
18°	602.6
19°	593.4
20°	583.2
21°	572.0
22°	560.8
23°	549.9
24°	539.4
25°	530.2
26°	523.8
27°	518.7
28°	514.6
29°	509.8
30°	503.0
31°	493.2
32°	479.3
32.5°	471.4
33°	460.9
34°	440.2
35°	414.4
36°	385.9
37°	353.6
37.5°	338.6
38°	318.3
39°	281.9
40°	250.7
42.5°	173.6
45°	109.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	58.8
50°	13.9
52.5°	1.7
55°	1.0
57.5°	1.0
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)