

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: P1301456

Luminaire Tested: P3A17R50W2N902750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301456
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R50W2N902750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

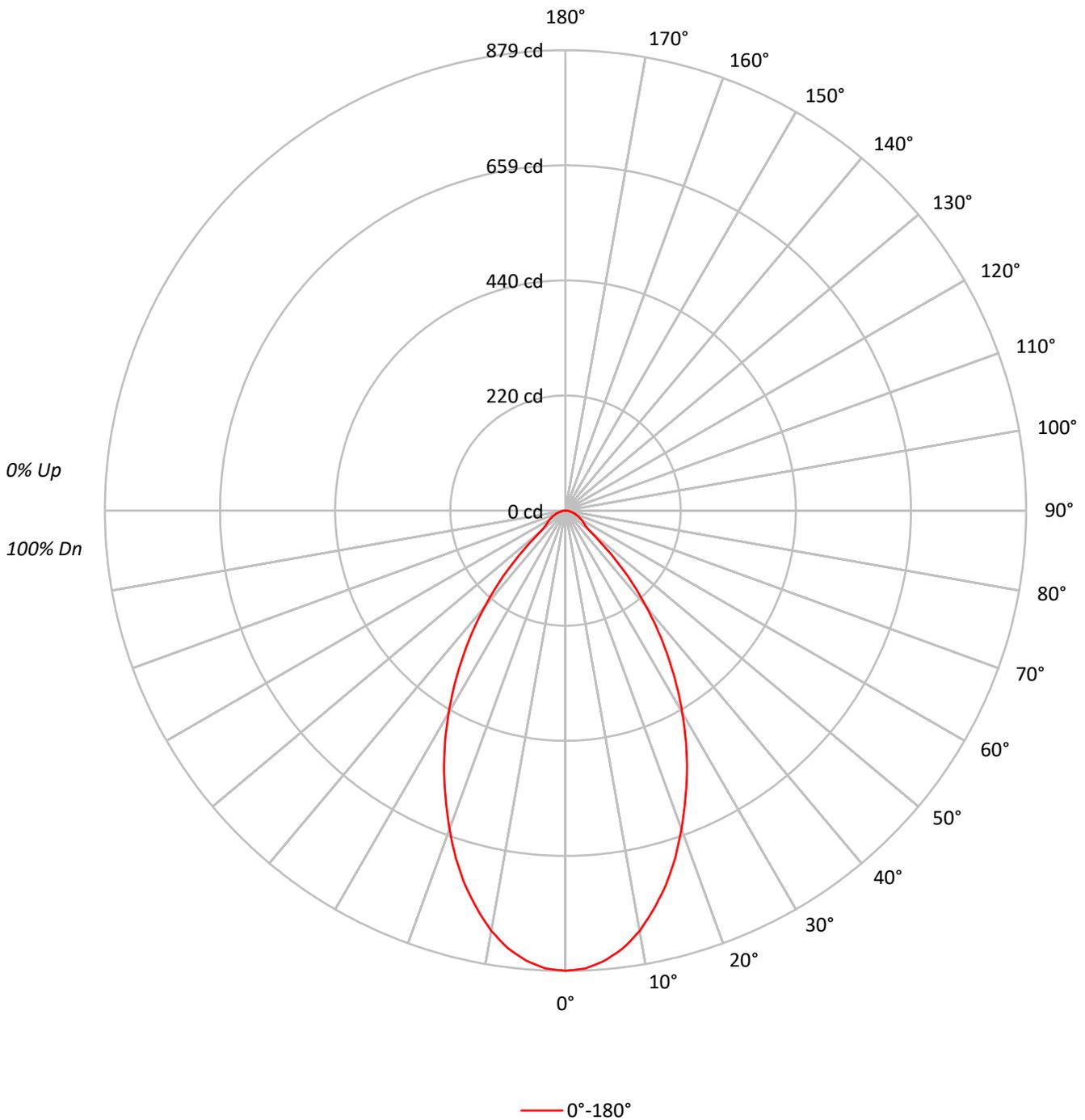
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 948.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	80.8	8.5
10°-20°	206.3	21.8
20°-30°	250.7	26.4
30°-40°	212.6	22.4
40°-50°	110.4	11.6
50°-60°	39.9	4.2
60°-70°	27.6	2.9
70°-80°	15.0	1.6
80°-90°	4.7	0.5
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°	537.9	56.7
0°-40°	750.5	79.2
0°-60°	900.8	95.0
0°-90°	948.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	948.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	879	
5°	862	81
15°	740	206
25°	549	251
35°	342	213
45°	143	110
55°	43	40
65°	28	28
75°	14	15
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	878.6
2.5°	875.3
5°	862.3
7.5°	842.9
10°	814.7
12.5°	779.0
15°	740.1
17.5°	695.7
20°	647.0
22.5°	597.2
25°	548.6
27.5°	497.7
30°	445.8
32.5°	393.8
35°	341.9
37.5°	291.1
40°	240.2
42.5°	191.5
45°	142.8
47.5°	95.2
50°	61.7
52.5°	47.6
55°	43.3
57.5°	39.0
60°	35.7
62.5°	31.4
65°	28.1
67.5°	23.8
70°	20.6
72.5°	17.3
75°	14.1
77.5°	10.8
80°	8.7
82.5°	6.5
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)