

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: P1293559

Luminaire Tested: P3A09R45W2N902750DE010 E3DLD1LI_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R45W2N902750DE010 E3DLD1LI_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

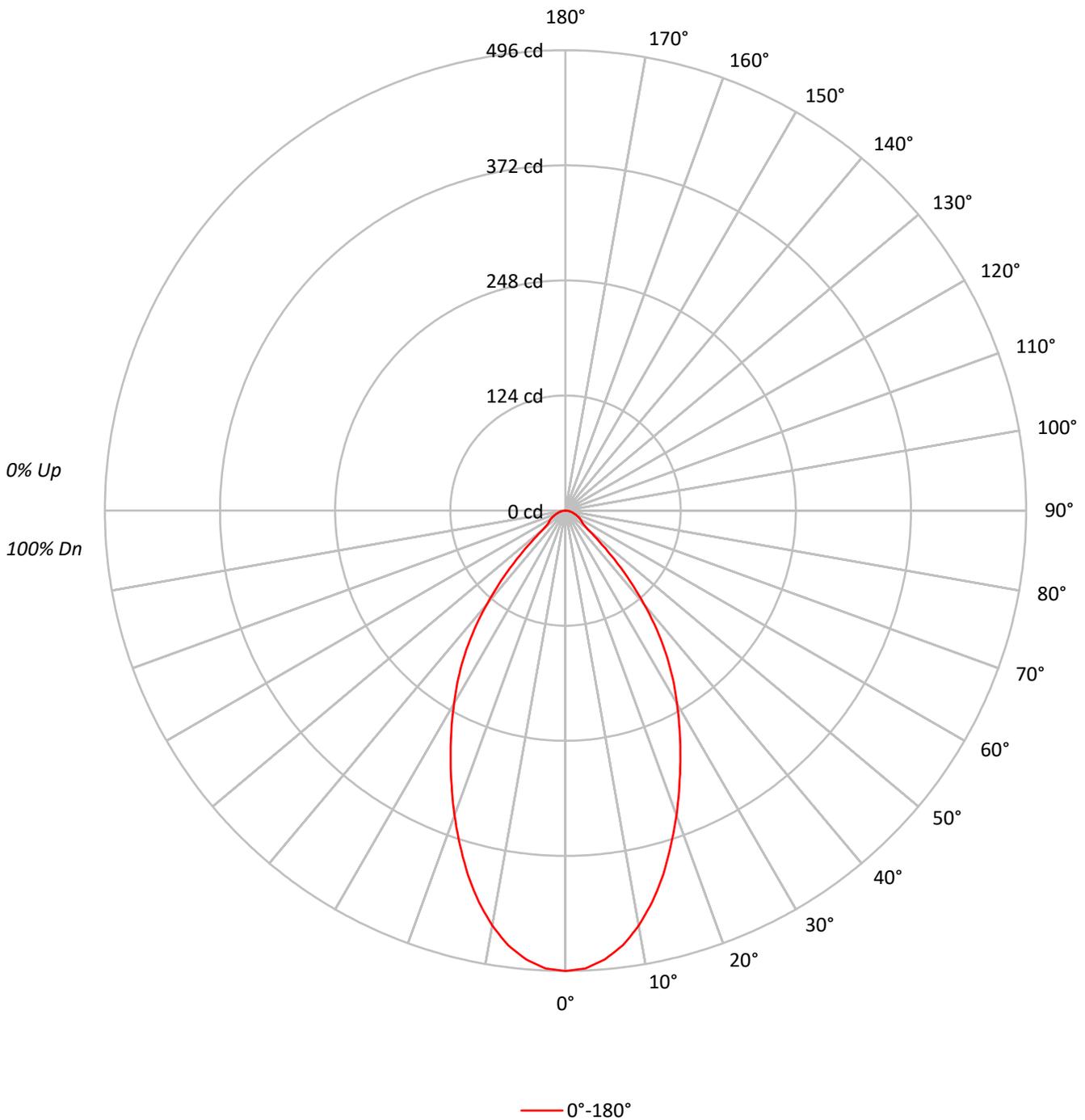
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 513.0 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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°	45.3	8.8
10°-20°	113.1	22.0
20°-30°	134.3	26.2
30°-40°	116.7	22.8
40°-50°	58.5	11.4
50°-60°	20.3	4.0
60°-70°	14.3	2.8
70°-80°	8.0	1.5
80°-90°	2.4	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°	292.8	57.1
0°-40°	409.5	79.8
0°-60°	488.4	95.2
0°-90°	513.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	513.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	496	
5°	485	45
15°	406	113
25°	293	134
35°	189	117
45°	74	59
55°	22	20
65°	14	14
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	496.0
2.5°	493.7
5°	485.4
7.5°	472.4
10°	454.0
12.5°	431.6
15°	406.2
17.5°	377.8
20°	349.4
22.5°	320.4
25°	292.6
27.5°	266.0
30°	240.0
32.5°	215.2
35°	189.2
37.5°	161.4
40°	131.8
42.5°	102.9
45°	74.5
47.5°	49.1
50°	31.3
52.5°	24.2
55°	21.9
57.5°	20.1
60°	18.3
62.5°	16.6
65°	14.2
67.5°	12.4
70°	10.6
72.5°	8.9
75°	7.7
77.5°	5.9
80°	4.7
82.5°	3.5
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)