

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: P1292243

Luminaire Tested: P3A09R25W2N902750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292243
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902750DE010 E3DLD1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

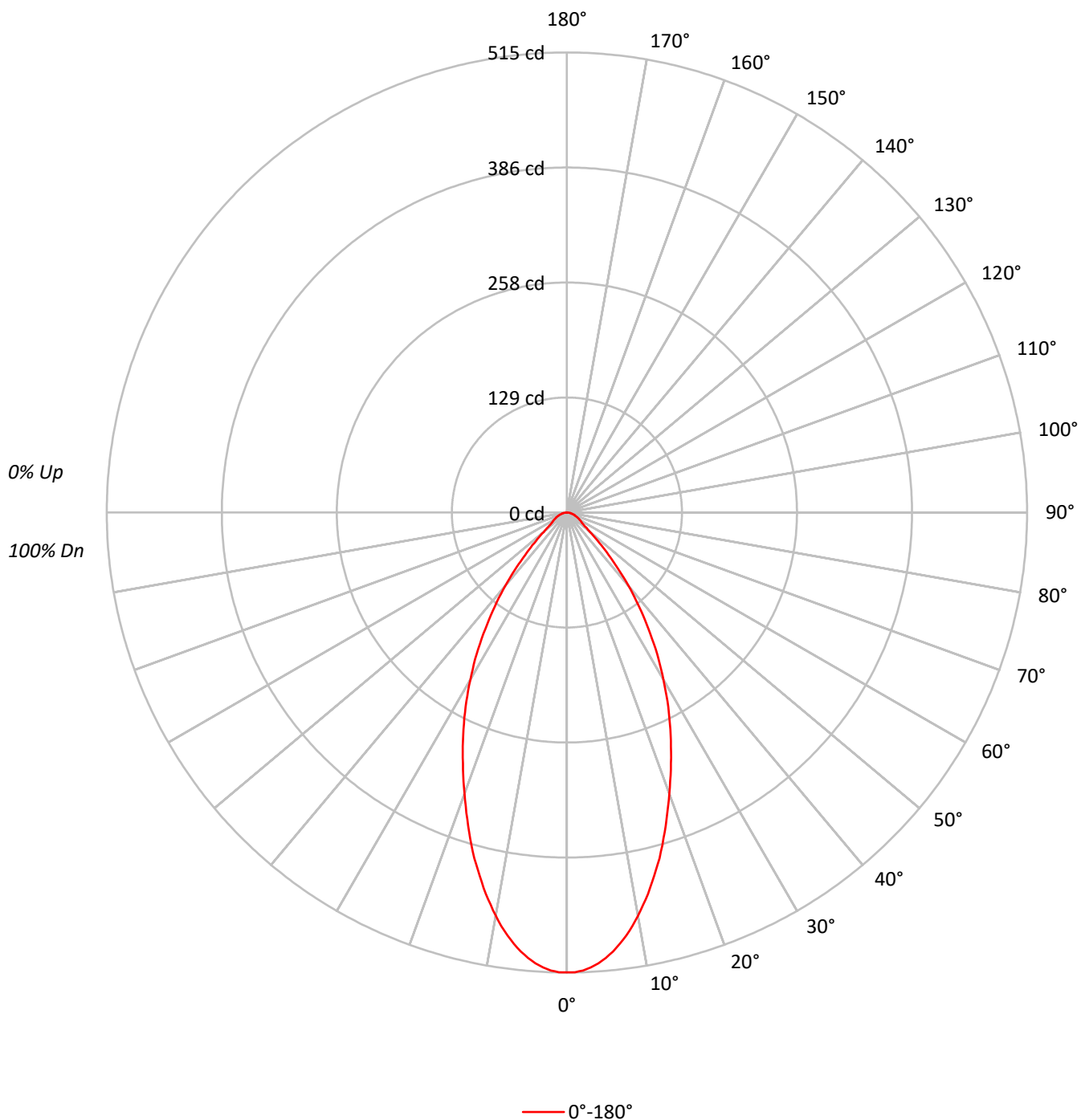
Lumens per Lamp: N/A
Luminaire Lumens: 475.0 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112886
5°	110191
10°	102113
15°	90943
20°	78150
25°	66439
30°	54692
35°	42617
40°	30657
45°	19444
50°	11496
55°	7914
60°	7280
65°	6745
70°	6091
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19444 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	9.8
10°-20°	111.2	23.4
20°-30°	125.7	26.5
30°-40°	99.4	20.9
40°-50°	50.2	10.6
50°-60°	20.1	4.2
60°-70°	12.9	2.7
70°-80°	7.1	1.5
80°-90°	2.0	0.4
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°	283.3	59.6
0°-40°	382.7	80.6
0°-60°	453.0	95.4
0°-90°	475.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	475.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	501	46
15°	401	111
25°	275	126
35°	159	99
45°	63	50
55°	21	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	514.8
1°	514.8
2°	513.0
3°	510.1
4°	505.9
5°	500.6
6°	494.1
7°	486.4
8°	478.1
9°	468.7
10°	458.6
11°	447.4
12°	436.7
13°	424.3
14°	412.4
15°	400.6
17.5°	367.5
20°	334.9
22.5°	304.2
25°	274.6
27.5°	245.6
30°	216.0
32.5°	188.2
35°	159.2
37.5°	132.6
40°	107.1
42.5°	83.4
45°	62.7
47.5°	46.7
50°	33.7
52.5°	25.4
55°	20.7
57.5°	18.9
60°	16.6
62.5°	14.8
65°	13.0
67.5°	11.2
70°	9.5
72.5°	8.3
75°	6.5
77.5°	5.3
80°	4.1
82.5°	3.0
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)