

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: P1296036

Luminaire Tested: P3A13R25W2N902750DE010 E3DLD1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296036
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: P3A13R25W2N902750DE010 E3DLD1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

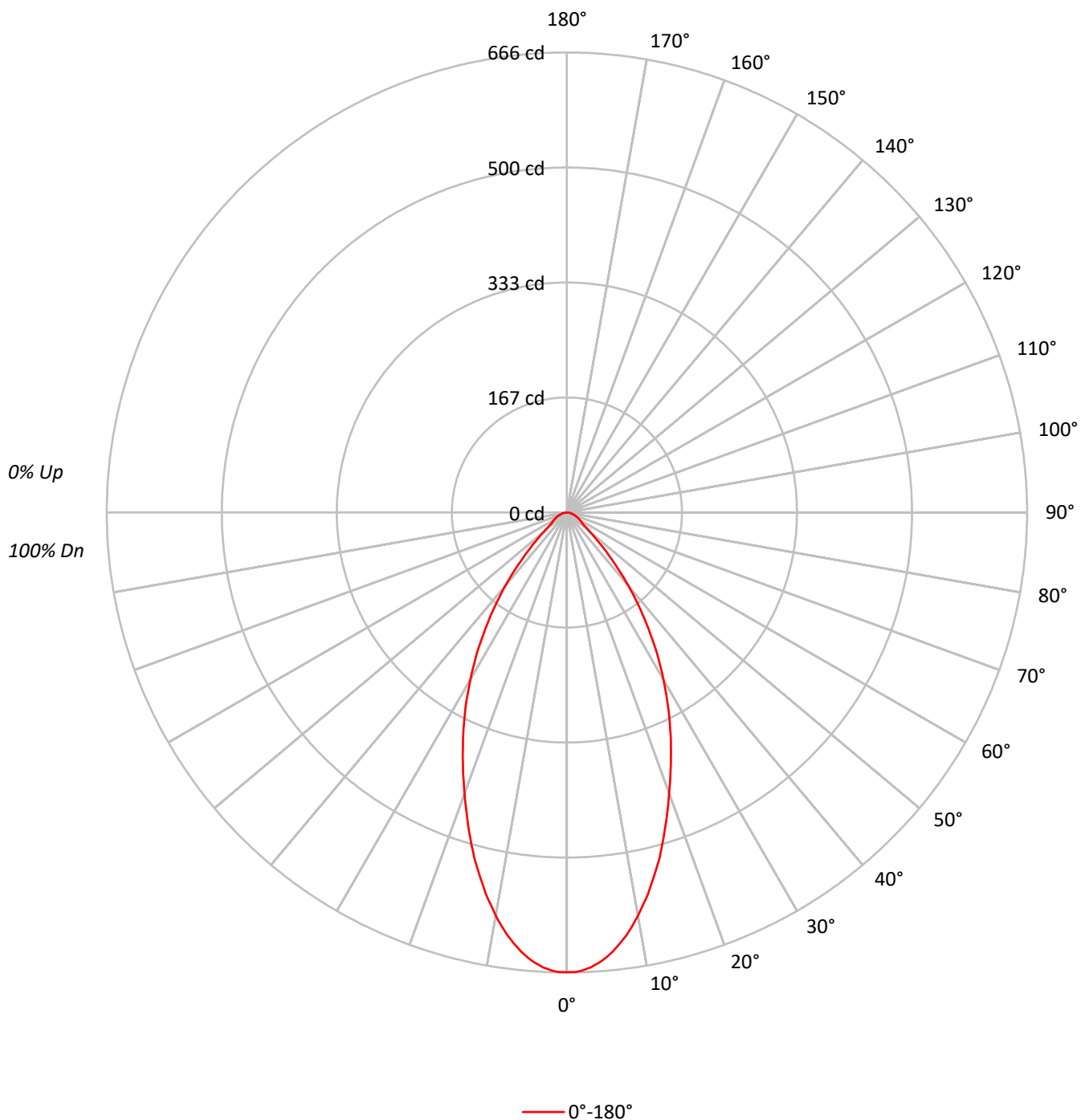
Lumens per Lamp: N/A
Luminaire Lumens: 614.0 lumens
Efficiency: N/A
Efficacy: 49.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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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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°	145931
5°	142439
10°	131995
15°	117549
20°	101019
25°	85868
30°	70694
35°	55091
40°	39617
45°	25150
50°	14874
55°	10246
60°	9385
65°	8717
70°	7822
75°	7117
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25150 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.0	9.8
10°-20°	143.8	23.4
20°-30°	162.4	26.5
30°-40°	128.5	20.9
40°-50°	64.9	10.6
50°-60°	26.0	4.2
60°-70°	16.6	2.7
70°-80°	9.2	1.5
80°-90°	2.6	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°	366.2	59.6
0°-40°	494.7	80.6
0°-60°	585.6	95.4
0°-90°	614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	666	
5°	647	60
15°	518	144
25°	355	162
35°	206	128
45°	81	65
55°	27	26
65°	17	17
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	665.5
1°	665.5
2°	663.2
3°	659.4
4°	654.0
5°	647.1
6°	638.7
7°	628.8
8°	618.1
9°	605.8
10°	592.8
11°	578.3
12°	564.5
13°	548.4
14°	533.1
15°	517.8
17.5°	475.0
20°	432.9
22.5°	393.2
25°	354.9
27.5°	317.4
30°	279.2
32.5°	243.2
35°	205.8
37.5°	171.3
40°	138.4
42.5°	107.9
45°	81.1
47.5°	60.4
50°	43.6
52.5°	32.9
55°	26.8
57.5°	24.5
60°	21.4
62.5°	19.1
65°	16.8
67.5°	14.5
70°	12.2
72.5°	10.7
75°	8.4
77.5°	6.9
80°	5.4
82.5°	3.8
85°	2.3
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)