

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: P1299802

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299802
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3DL1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

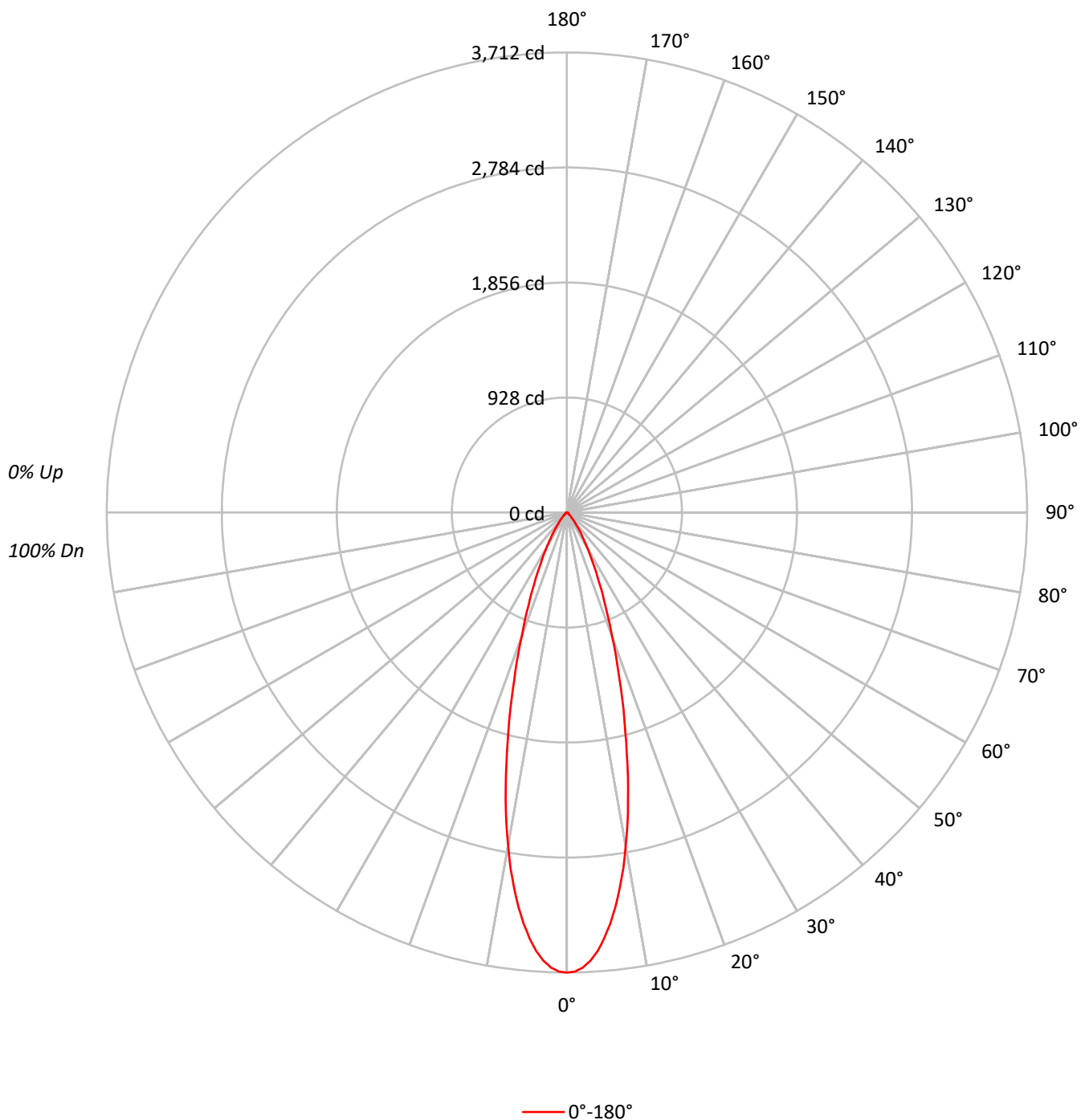
Lumens per Lamp: N/A
Luminaire Lumens: 1269.0 lumens
Efficiency: N/A
Efficacy: 65.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	95	94	93	92	91	90	89	88
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93	92	91	90	89	88	87	86	85	84
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88	87	86	85	84	83	82	81	80	79
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84	83	82	81	80	79	78	77	76	75
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76	75	74	73	72	71	70	69	68	67
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	74	73	72	71	70	69	68	67	66	65	64
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70	69	68	67	66	65	64	63	62	61
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67	66	65	64	63	62	61	60	59	58
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64	63	62	61	60	59	58	57	56	55
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62	61	60	59	58	57	56	55	54	53

AVERAGE LUMINANCE (cd/sqm):

0°	814014
5°	759474
10°	608383
15°	412965
20°	249898
25°	146113
30°	83228
35°	45775
40°	24303
45°	12777
50°	7437
55°	5582
60°	4780
65°	5033
70°	4680
75°	4151
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	306.2	24.1
10°-20°	500.1	39.4
20°-30°	285.8	22.5
30°-40°	112.8	8.9
40°-50°	34.6	2.7
50°-60°	13.7	1.1
60°-70°	9.2	0.7
70°-80°	5.1	0.4
80°-90°	1.6	0.1
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°	1092.1	86.1
0°-40°	1204.9	94.9
0°-60°	1253.1	98.7
0°-90°	1269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1269.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3712	
5°	3450	306
15°	1819	500
25°	604	286
35°	171	113
45°	41	35
55°	15	14
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3712.2
1°	3704.9
2°	3674.6
3°	3621.3
4°	3547.3
5°	3450.3
6°	3336.3
7°	3207.7
8°	3058.5
9°	2905.7
10°	2732.3
11°	2561.3
12°	2373.3
13°	2187.8
14°	1997.4
15°	1819.1
17.5°	1410.4
20°	1070.9
22.5°	804.0
25°	603.9
27.5°	447.5
30°	328.7
32.5°	237.7
35°	171.0
37.5°	121.3
40°	84.9
42.5°	58.2
45°	41.2
47.5°	29.1
50°	21.8
52.5°	17.0
55°	14.6
57.5°	13.3
60°	10.9
62.5°	9.7
65°	9.7
67.5°	8.5
70°	7.3
72.5°	6.1
75°	4.9
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)