

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: P1292212

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292212
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: P3A09R25W2N902750DE010 E3DL1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

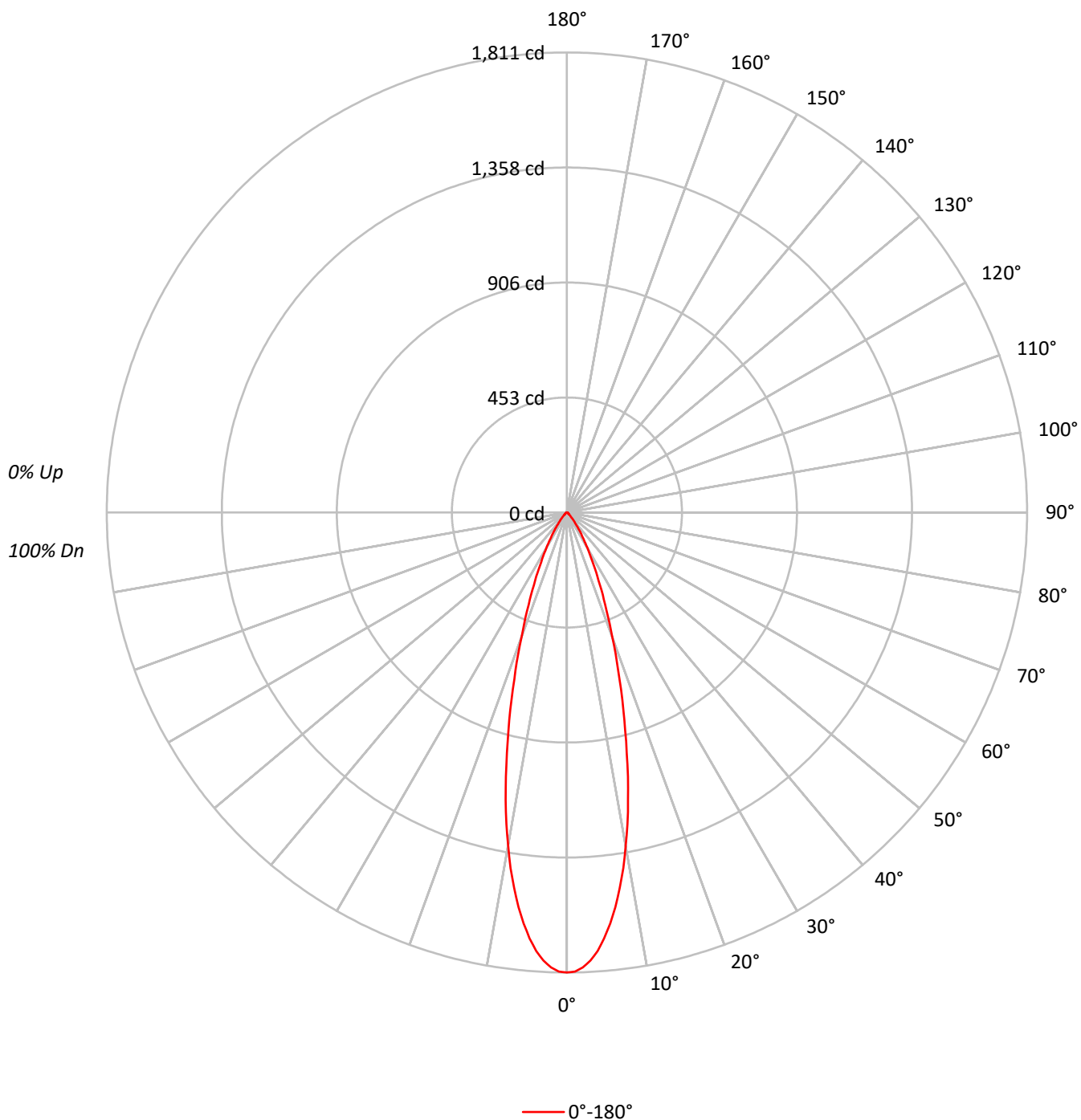
Lumens per Lamp: N/A
Luminaire Lumens: 619.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76		75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73		72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67		66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	397073
5°	370459
10°	296766
15°	201431
20°	121881
25°	71278
30°	40589
35°	22326
40°	11851
45°	6233
50°	3616
55°	2714
60°	2324
65°	2439
70°	2244
75°	2033
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6233 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.3	24.1
10°-20°	244.0	39.4
20°-30°	139.4	22.5
30°-40°	55.0	8.9
40°-50°	16.9	2.7
50°-60°	6.7	1.1
60°-70°	4.4	0.7
70°-80°	2.5	0.4
80°-90°	0.8	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°	532.7	86.1
0°-40°	587.7	94.9
0°-60°	611.2	98.7
0°-90°	619.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	619.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1811	
5°	1683	149
15°	887	244
25°	295	139
35°	83	55
45°	20	17
55°	7	7
65°	5	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1810.8
1°	1807.2
2°	1792.4
3°	1766.4
4°	1730.3
5°	1683.0
6°	1627.4
7°	1564.7
8°	1491.9
9°	1417.4
10°	1332.8
11°	1249.4
12°	1157.7
13°	1067.2
14°	974.3
15°	887.3
17.5°	688.0
20°	522.3
22.5°	392.2
25°	294.6
27.5°	218.3
30°	160.3
32.5°	115.9
35°	83.4
37.5°	59.2
40°	41.4
42.5°	28.4
45°	20.1
47.5°	14.2
50°	10.6
52.5°	8.3
55°	7.1
57.5°	6.5
60°	5.3
62.5°	4.7
65°	4.7
67.5°	4.1
70°	3.5
72.5°	3.0
75°	2.4
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)