

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: P1292211

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292211
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

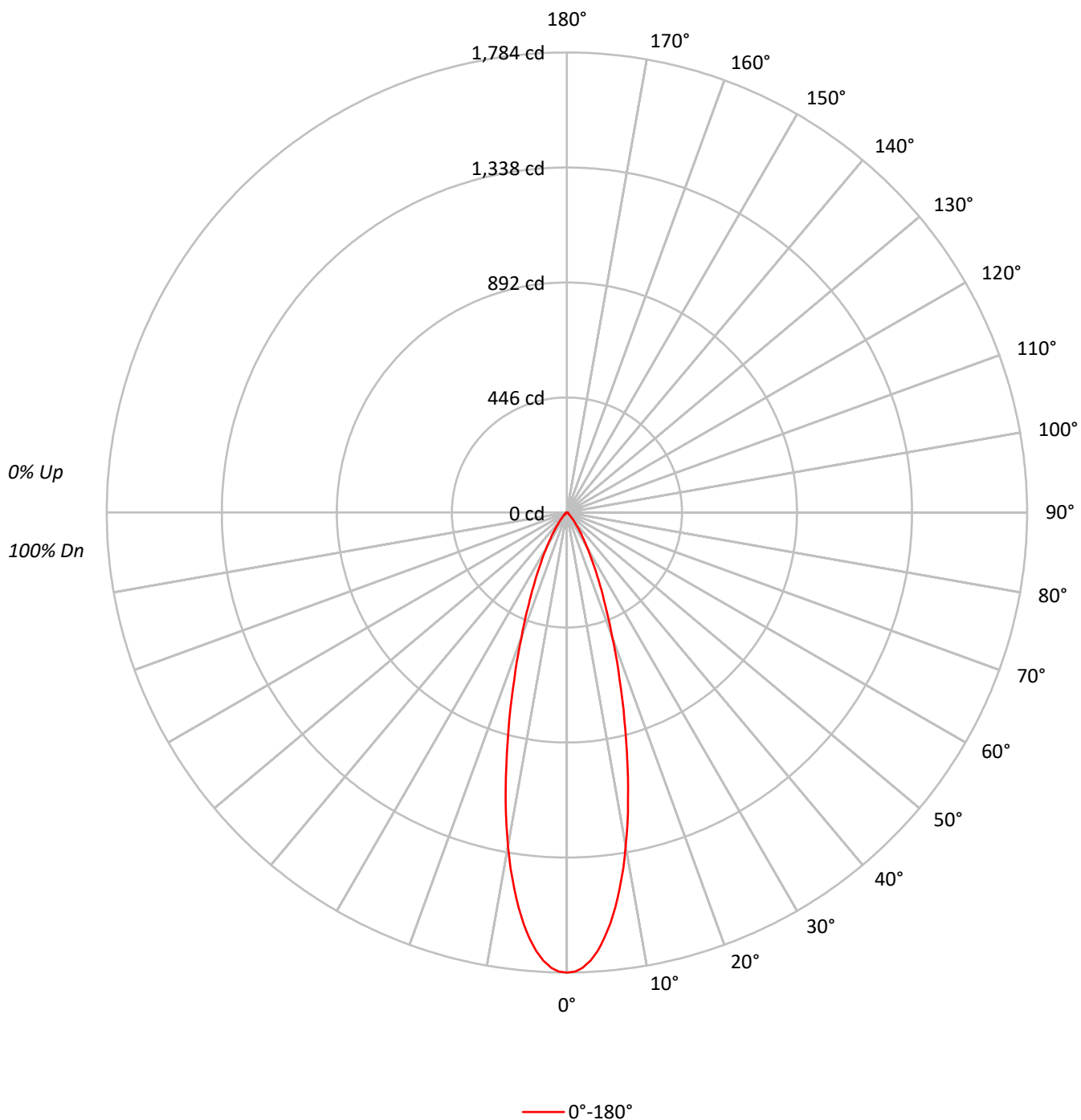
Lumens per Lamp: N/A
Luminaire Lumens: 610.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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							
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	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°	391284
5°	365066
10°	292446
15°	198503
20°	120130
25°	70238
30°	40006
35°	22004
40°	11679
45°	6140
50°	3582
55°	2676
60°	2281
65°	2439
70°	2244
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6140 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.2	24.1
10°-20°	240.4	39.4
20°-30°	137.4	22.5
30°-40°	54.2	8.9
40°-50°	16.6	2.7
50°-60°	6.6	1.1
60°-70°	4.4	0.7
70°-80°	2.4	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°	525.0	86.1
0°-40°	579.2	94.9
0°-60°	602.4	98.7
0°-90°	610.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	610.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1784	
5°	1658	147
15°	874	240
25°	290	137
35°	82	54
45°	20	17
55°	7	7
65°	5	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1784.4
1°	1780.9
2°	1766.4
3°	1740.7
4°	1705.2
5°	1658.5
6°	1603.7
7°	1541.9
8°	1470.2
9°	1396.8
10°	1313.4
11°	1231.2
12°	1140.8
13°	1051.7
14°	960.1
15°	874.4
17.5°	678.0
20°	514.8
22.5°	386.5
25°	290.3
27.5°	215.1
30°	158.0
32.5°	114.3
35°	82.2
37.5°	58.3
40°	40.8
42.5°	28.0
45°	19.8
47.5°	14.0
50°	10.5
52.5°	8.2
55°	7.0
57.5°	6.4
60°	5.2
62.5°	4.7
65°	4.7
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)