

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: P1293842

Luminaire Tested: P3A09R50W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293842
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R50W2N902750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

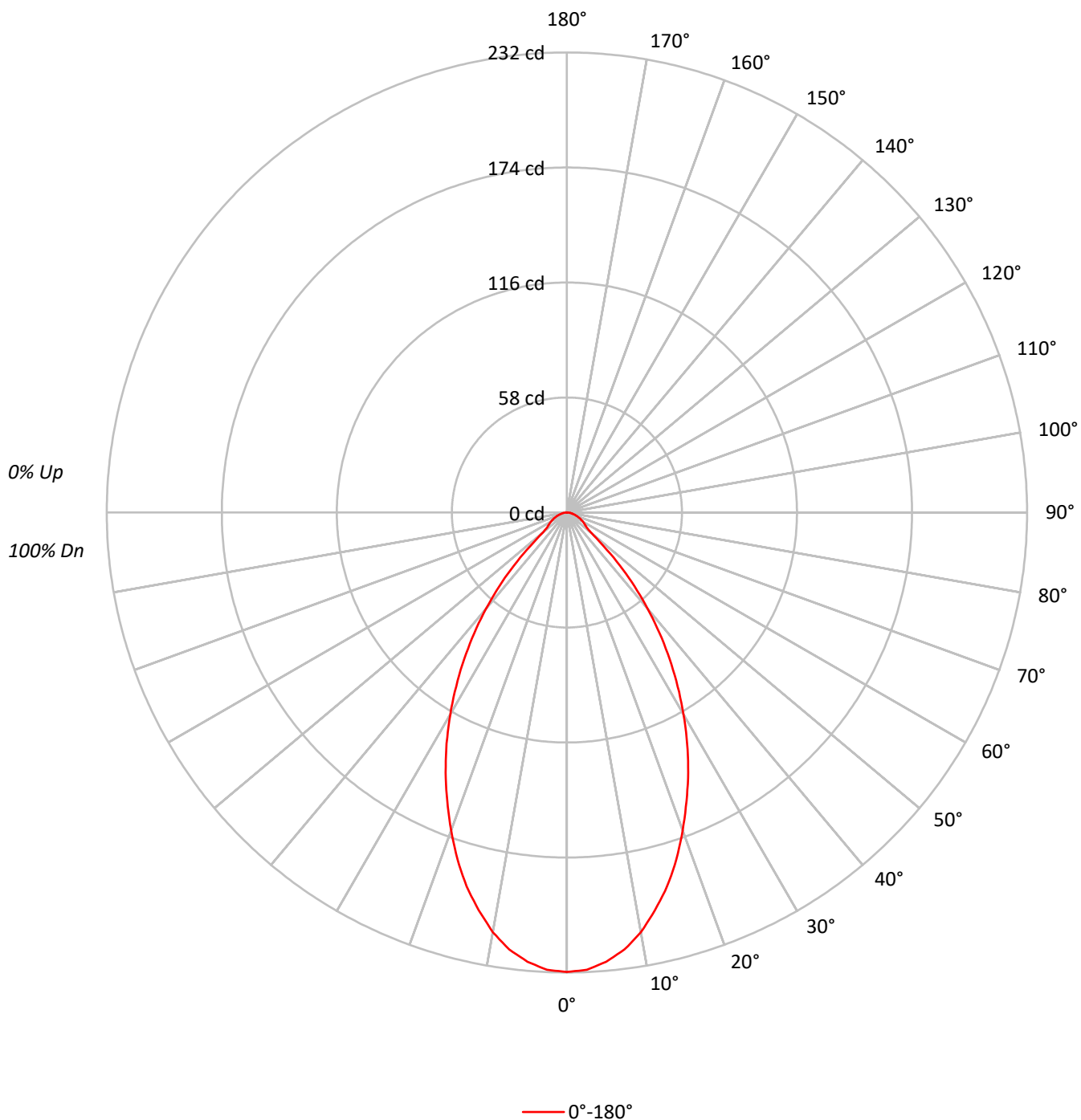
Lumens per Lamp: N/A
Luminaire Lumens: 250.1 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50807
5°	50055
10°	47850
15°	44314
20°	39810
25°	35010
30°	29777
35°	24146
40°	18120
45°	11691
50°	5561
55°	4358
60°	4122
65°	3840
70°	3462
75°	3135
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	8.5
10°-20°	54.4	21.8
20°-30°	66.1	26.4
30°-40°	56.1	22.4
40°-50°	29.1	11.6
50°-60°	10.5	4.2
60°-70°	7.3	2.9
70°-80°	4.0	1.6
80°-90°	1.2	0.5
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°	141.9	56.7
0°-40°	197.9	79.2
0°-60°	237.6	95.0
0°-90°	250.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	232	
5°	227	21
15°	195	54
25°	145	66
35°	90	56
45°	38	29
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	231.7
2.5°	230.8
5°	227.4
7.5°	222.3
10°	214.9
12.5°	205.4
15°	195.2
17.5°	183.5
20°	170.6
22.5°	157.5
25°	144.7
27.5°	131.3
30°	117.6
32.5°	103.9
35°	90.2
37.5°	76.8
40°	63.3
42.5°	50.5
45°	37.7
47.5°	25.1
50°	16.3
52.5°	12.6
55°	11.4
57.5°	10.3
60°	9.4
62.5°	8.3
65°	7.4
67.5°	6.3
70°	5.4
72.5°	4.6
75°	3.7
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)