

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: P1292239

Luminaire Tested: P3A09R25W2N902750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292239
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: P3A09R25W2N902750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

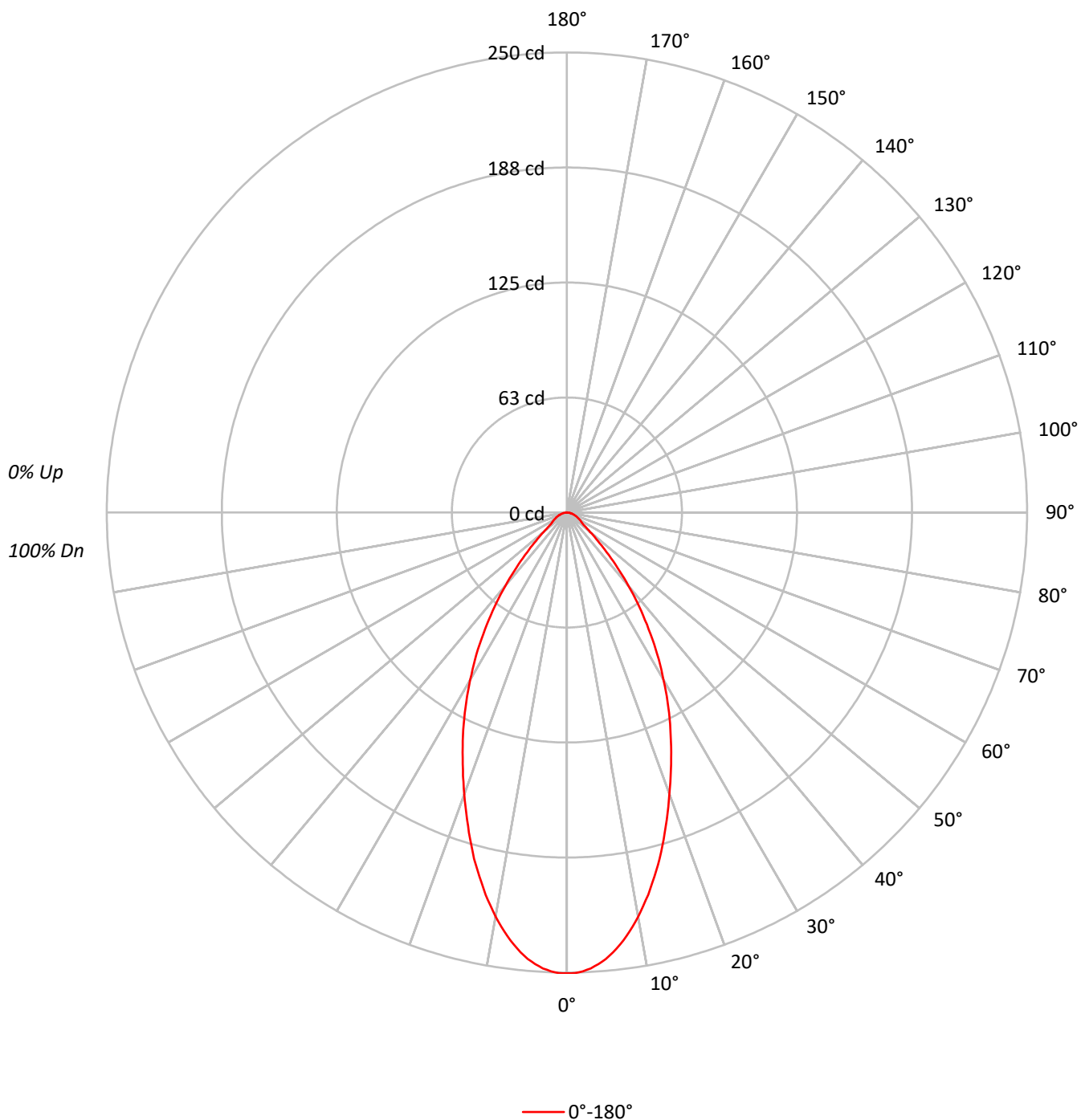
Lumens per Lamp: N/A
Luminaire Lumens: 231.0 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1292239

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1292239

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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°	54908
5°	53599
10°	49654
15°	44223
20°	38013
25°	32300
30°	26586
35°	20719
40°	14914
45°	9458
50°	5595
55°	3861
60°	3552
65°	3269
70°	2949
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9458 cd/sqm

TEST NUMBER: P1292239

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.6	9.8
10°-20°	54.1	23.4
20°-30°	61.1	26.4
30°-40°	48.3	20.9
40°-50°	24.4	10.6
50°-60°	9.8	4.2
60°-70°	6.3	2.7
70°-80°	3.5	1.5
80°-90°	1.0	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°	137.8	59.6
0°-40°	186.1	80.6
0°-60°	220.3	95.4
0°-90°	231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	250	
5°	244	23
15°	195	54
25°	134	61
35°	77	48
45°	30	24
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	250.4
1°	250.4
2°	249.5
3°	248.1
4°	246.0
5°	243.5
6°	240.3
7°	236.6
8°	232.5
9°	227.9
10°	223.0
11°	217.6
12°	212.4
13°	206.3
14°	200.6
15°	194.8
17.5°	178.7
20°	162.9
22.5°	147.9
25°	133.5
27.5°	119.4
30°	105.0
32.5°	91.5
35°	77.4
37.5°	64.5
40°	52.1
42.5°	40.6
45°	30.5
47.5°	22.7
50°	16.4
52.5°	12.4
55°	10.1
57.5°	9.2
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.5
70°	4.6
72.5°	4.0
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.3



TEST NUMBER: P1292239

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)