

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: P1292412

Luminaire Tested: P3A09R25W2N902765DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292412
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: P3A09R25W2N902765DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

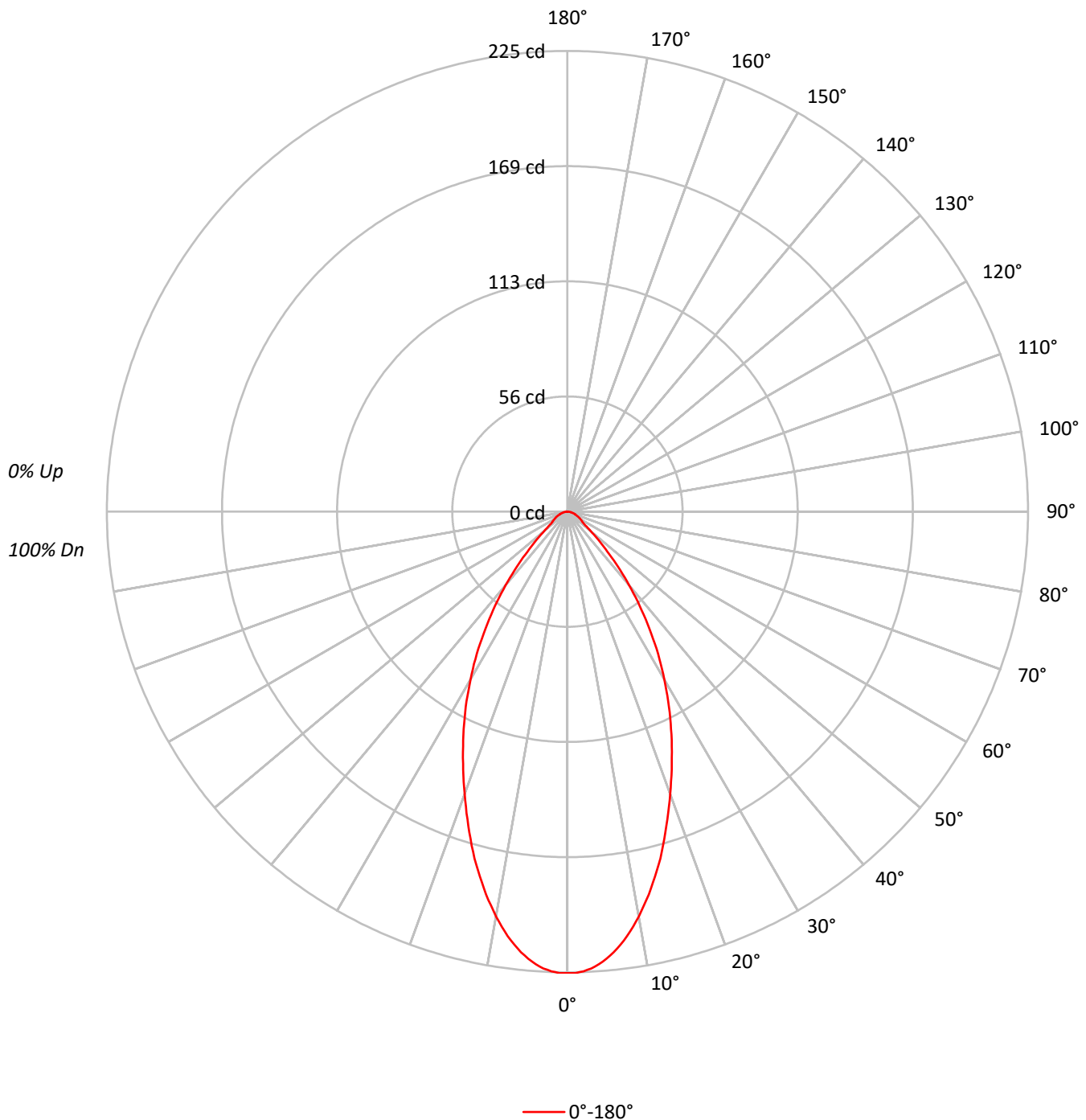
Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96	94	93		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89	87	85		83
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83	80	78		76
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78	74	71		70
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73	69	66		64
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69	64	61		59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65	60	57		55
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61	56	53		51
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57	53	49		48
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54	50	46		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49426
5°	48250
10°	44711
15°	39819
20°	34233
25°	29082
30°	23953
35°	18658
40°	13425
45°	8528
50°	5049
55°	3479
60°	3201
65°	2958
70°	2629
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	9.8
10°-20°	48.7	23.4
20°-30°	55.0	26.5
30°-40°	43.5	20.9
40°-50°	22.0	10.6
50°-60°	8.8	4.2
60°-70°	5.6	2.7
70°-80°	3.1	1.5
80°-90°	0.9	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°	124.1	59.6
0°-40°	167.6	80.6
0°-60°	198.4	95.4
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	225	
5°	219	20
15°	175	49
25°	120	55
35°	70	44
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	225.4
1°	225.4
2°	224.7
3°	223.4
4°	221.6
5°	219.2
6°	216.4
7°	213.0
8°	209.4
9°	205.2
10°	200.8
11°	195.9
12°	191.2
13°	185.8
14°	180.6
15°	175.4
17.5°	160.9
20°	146.7
22.5°	133.2
25°	120.2
27.5°	107.5
30°	94.6
32.5°	82.4
35°	69.7
37.5°	58.0
40°	46.9
42.5°	36.5
45°	27.5
47.5°	20.5
50°	14.8
52.5°	11.1
55°	9.1
57.5°	8.3
60°	7.3
62.5°	6.5
65°	5.7
67.5°	4.9
70°	4.1
72.5°	3.6
75°	2.9
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)