

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: P1292301

Luminaire Tested: P3A09R25W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292301
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

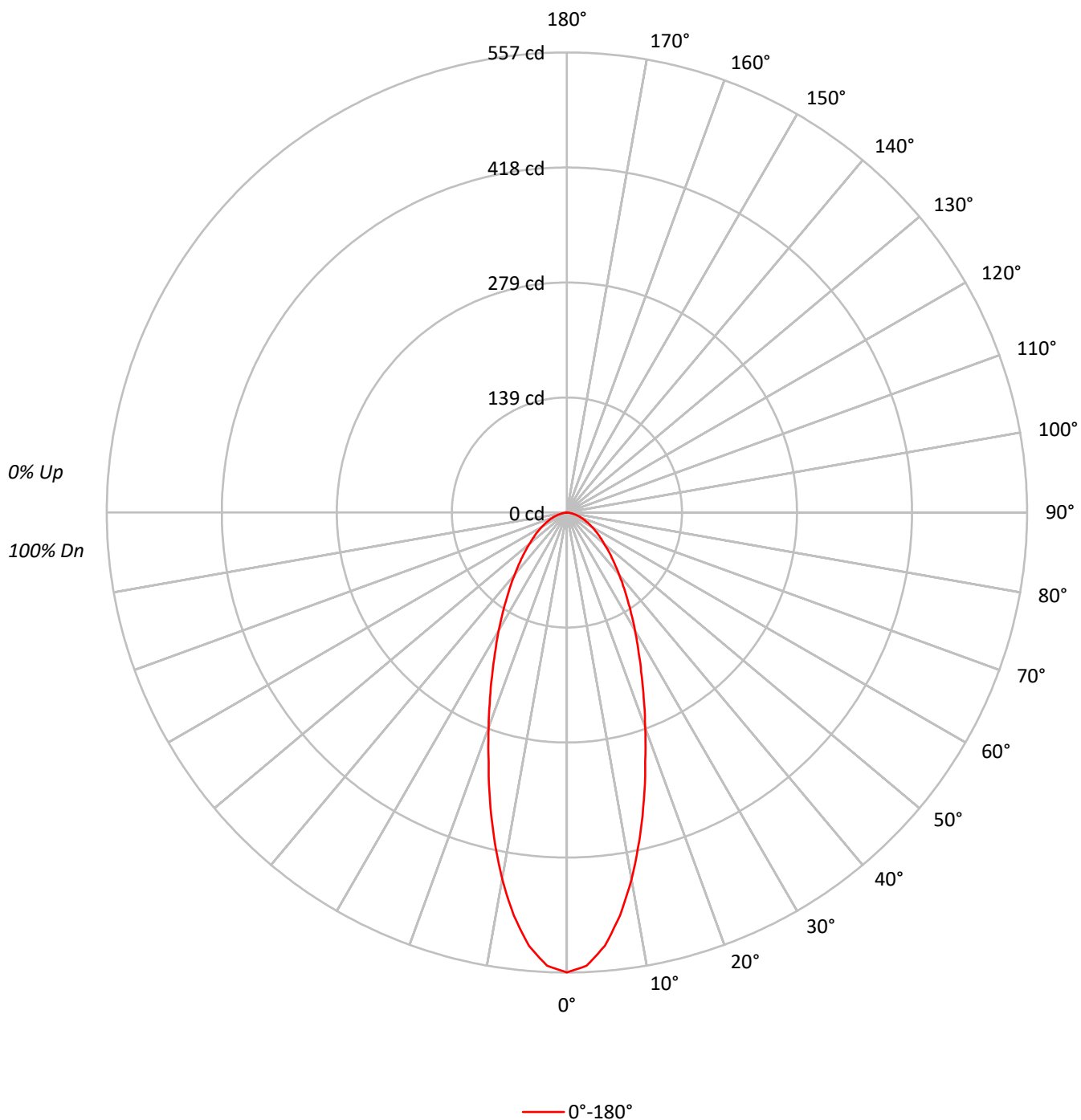
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122117
5°	115914
10°	100399
15°	81726
20°	64592
25°	51487
30°	41753
35°	33997
40°	28167
45°	23723
50°	20093
55°	17701
60°	15481
65°	13542
70°	11861
75°	9997
80°	7450
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	10.2
10°-20°	99.8	21.3
20°-30°	98.4	21.0
30°-40°	80.1	17.1
40°-50°	59.4	12.7
50°-60°	41.5	8.9
60°-70°	26.0	5.6
70°-80°	12.5	2.7
80°-90°	2.4	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°	246.0	52.6
0°-40°	326.2	69.7
0°-60°	427.1	91.3
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	557	
5°	527	48
15°	360	100
25°	213	98
35°	127	80
45°	76	59
55°	46	42
65°	26	26
75°	12	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	556.9
2.5°	549.3
5°	526.6
7.5°	492.1
10°	450.9
12.5°	405.5
15°	360.0
17.5°	315.4
20°	276.8
22.5°	243.1
25°	212.8
27.5°	186.7
30°	164.9
32.5°	144.7
35°	127.0
37.5°	111.9
40°	98.4
42.5°	86.6
45°	76.5
47.5°	67.3
50°	58.9
52.5°	52.2
55°	46.3
57.5°	40.4
60°	35.3
62.5°	30.3
65°	26.1
67.5°	21.9
70°	18.5
72.5°	15.1
75°	11.8
77.5°	8.4
80°	5.9
82.5°	3.4
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)