

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: P1292306

Luminaire Tested: P3A09R25W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292306
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

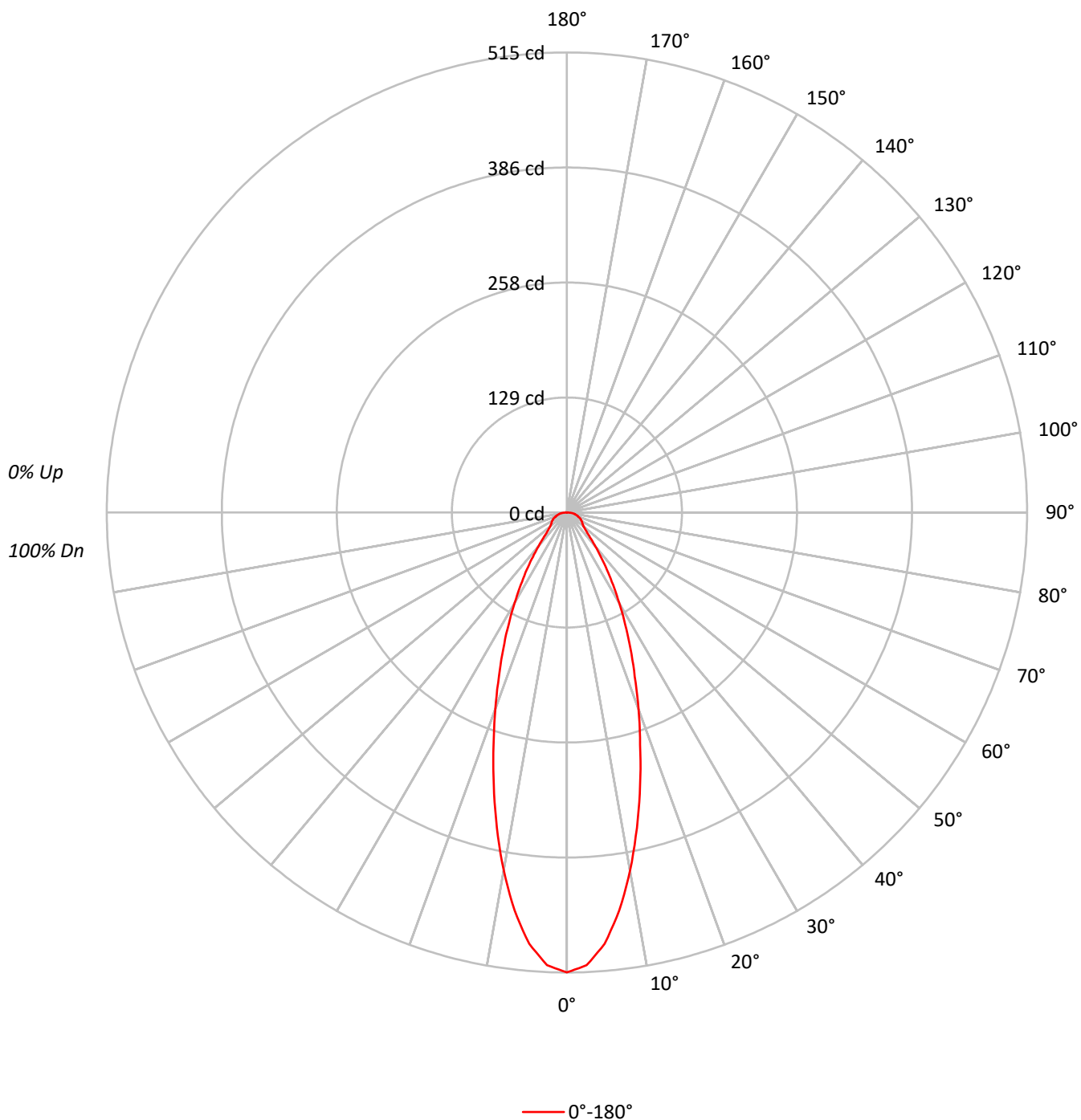
Lumens per Lamp: N/A
Luminaire Lumens: 336.0 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112886
5°	106669
10°	90669
15°	71805
20°	54581
25°	40720
30°	29599
35°	20934
40°	14198
45°	9924
50°	8324
55°	8028
60°	8464
65°	8717
70°	8655
75°	9235
80°	10607
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11256 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	13.0
10°-20°	87.6	26.1
20°-30°	77.5	23.1
30°-40°	49.4	14.7
40°-50°	26.1	7.8
50°-60°	19.2	5.7
60°-70°	16.3	4.9
70°-80°	11.5	3.4
80°-90°	4.6	1.4
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°	208.8	62.2
0°-40°	258.2	76.8
0°-60°	303.5	90.3
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	485	44
15°	316	88
25°	168	78
35°	78	49
45°	32	26
55°	21	19
65°	17	16
75°	11	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	514.8
2.5°	507.3
5°	484.6
7.5°	449.2
10°	407.2
12.5°	361.7
15°	316.3
17.5°	272.6
20°	233.9
22.5°	198.5
25°	168.3
27.5°	141.3
30°	116.9
32.5°	95.9
35°	78.2
37.5°	62.3
40°	49.6
42.5°	39.5
45°	32.0
47.5°	27.8
50°	24.4
52.5°	22.7
55°	21.0
57.5°	20.2
60°	19.3
62.5°	17.7
65°	16.8
67.5°	15.1
70°	13.5
72.5°	12.6
75°	10.9
77.5°	9.3
80°	8.4
82.5°	6.7
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)