

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: P1292661

Luminaire Tested: P3A09R30W2N902750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292661
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

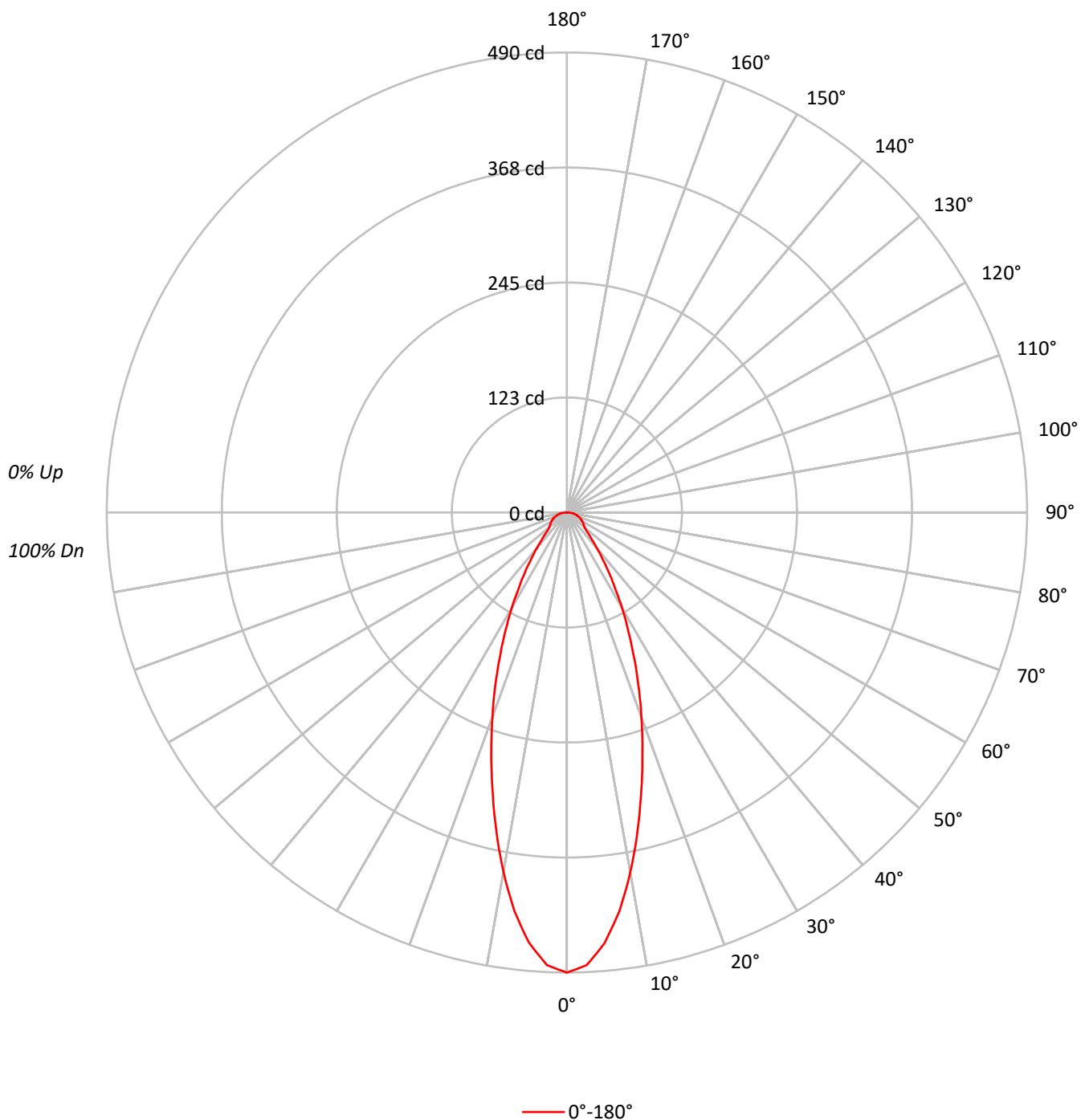
Lumens per Lamp: N/A
Luminaire Lumens: 330.9 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107469
5°	101342
10°	86616
15°	69422
20°	54115
25°	40696
30°	29675
35°	20907
40°	14341
45°	10265
50°	8392
55°	8105
60°	8201
65°	8354
70°	8719
75°	9320
80°	9597
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.7	12.6
10°-20°	85.0	25.7
20°-30°	77.4	23.4
30°-40°	49.3	14.9
40°-50°	26.4	8.0
50°-60°	19.3	5.8
60°-70°	16.2	4.9
70°-80°	11.3	3.4
80°-90°	4.5	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°	204.1	61.7
0°-40°	253.3	76.5
0°-60°	298.9	90.3
0°-90°	330.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	490	
5°	460	42
15°	306	85
25°	168	77
35°	78	49
45°	33	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	490.1
2.5°	482.5
5°	460.4
7.5°	428.1
10°	389.0
12.5°	347.4
15°	305.8
17.5°	267.6
20°	231.9
22.5°	198.8
25°	168.2
27.5°	141.0
30°	117.2
32.5°	95.1
35°	78.1
37.5°	62.0
40°	50.1
42.5°	39.9
45°	33.1
47.5°	27.2
50°	24.6
52.5°	22.9
55°	21.2
57.5°	20.4
60°	18.7
62.5°	17.8
65°	16.1
67.5°	15.3
70°	13.6
72.5°	11.9
75°	11.0
77.5°	9.3
80°	7.6
82.5°	6.8
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)