

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: P1292500

Luminaire Tested: P3A09R25W2N902765DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292500
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: P3A09R25W2N902765DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

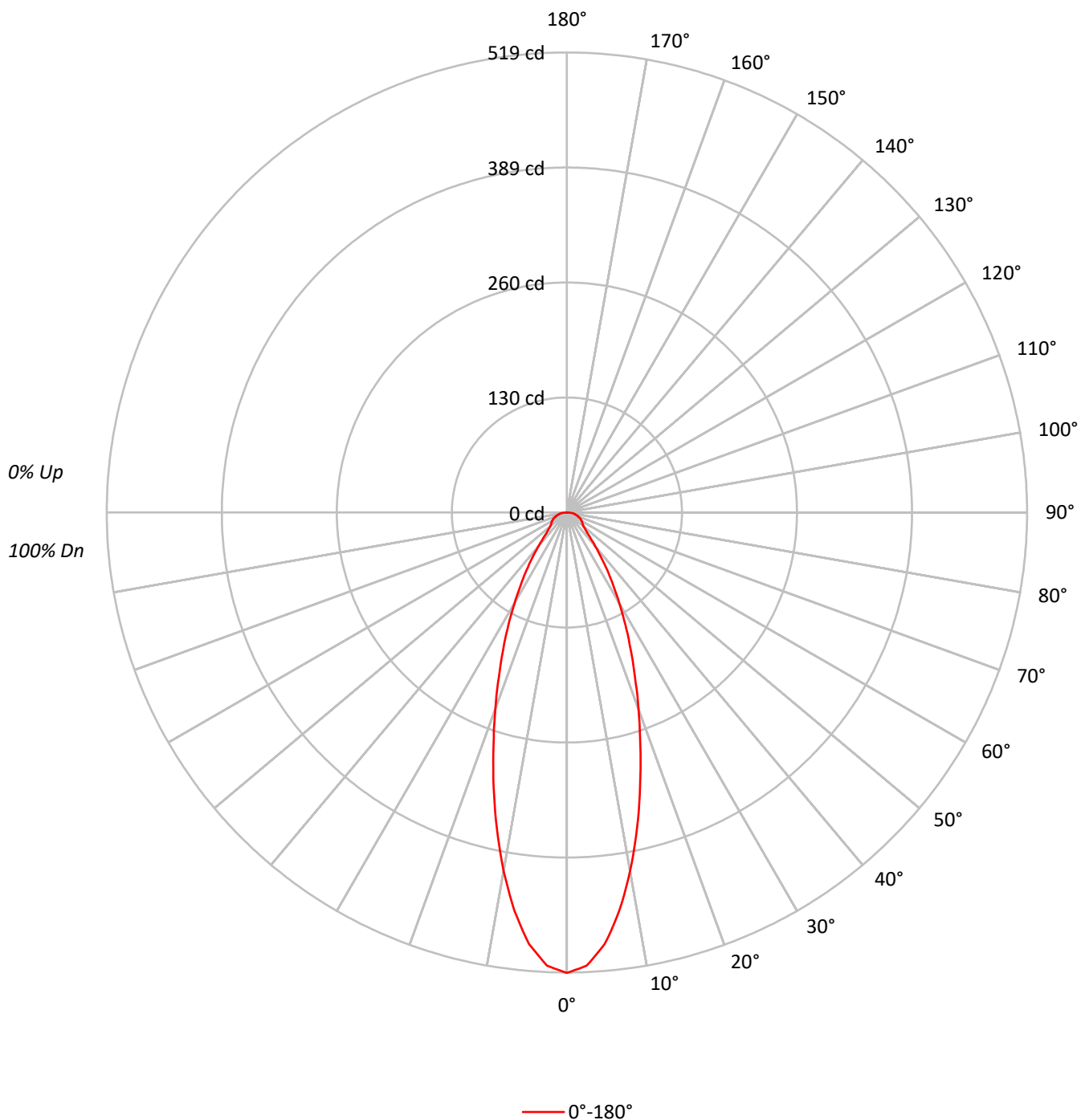
Lumens per Lamp: N/A
Luminaire Lumens: 339.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81		
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74		
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63		
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49		
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113894
5°	107616
10°	91470
15°	72441
20°	55071
25°	41083
30°	29878
35°	21121
40°	14341
45°	10017
50°	8392
55°	8105
60°	8552
65°	8821
70°	8719
75°	9320
80°	10734
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°	44.1	13.0
10°-20°	88.3	26.1
20°-30°	78.2	23.1
30°-40°	49.8	14.7
40°-50°	26.4	7.8
50°-60°	19.4	5.7
60°-70°	16.5	4.9
70°-80°	11.6	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°	210.7	62.2
0°-40°	260.5	76.8
0°-60°	306.2	90.3
0°-90°	339.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	339.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	519	
5°	489	44
15°	319	88
25°	170	78
35°	79	50
45°	32	26
55°	21	19
65°	17	17
75°	11	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	519.4
2.5°	511.8
5°	488.9
7.5°	453.2
10°	410.8
12.5°	365.0
15°	319.1
17.5°	275.0
20°	236.0
22.5°	200.3
25°	169.8
27.5°	142.6
30°	118.0
32.5°	96.8
35°	78.9
37.5°	62.8
40°	50.1
42.5°	39.9
45°	32.3
47.5°	28.0
50°	24.6
52.5°	22.9
55°	21.2
57.5°	20.4
60°	19.5
62.5°	17.8
65°	17.0
67.5°	15.3
70°	13.6
72.5°	12.7
75°	11.0
77.5°	9.3
80°	8.5
82.5°	6.8
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)