

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: P1292498

Luminaire Tested: P3A09R25W2N902765DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292498
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

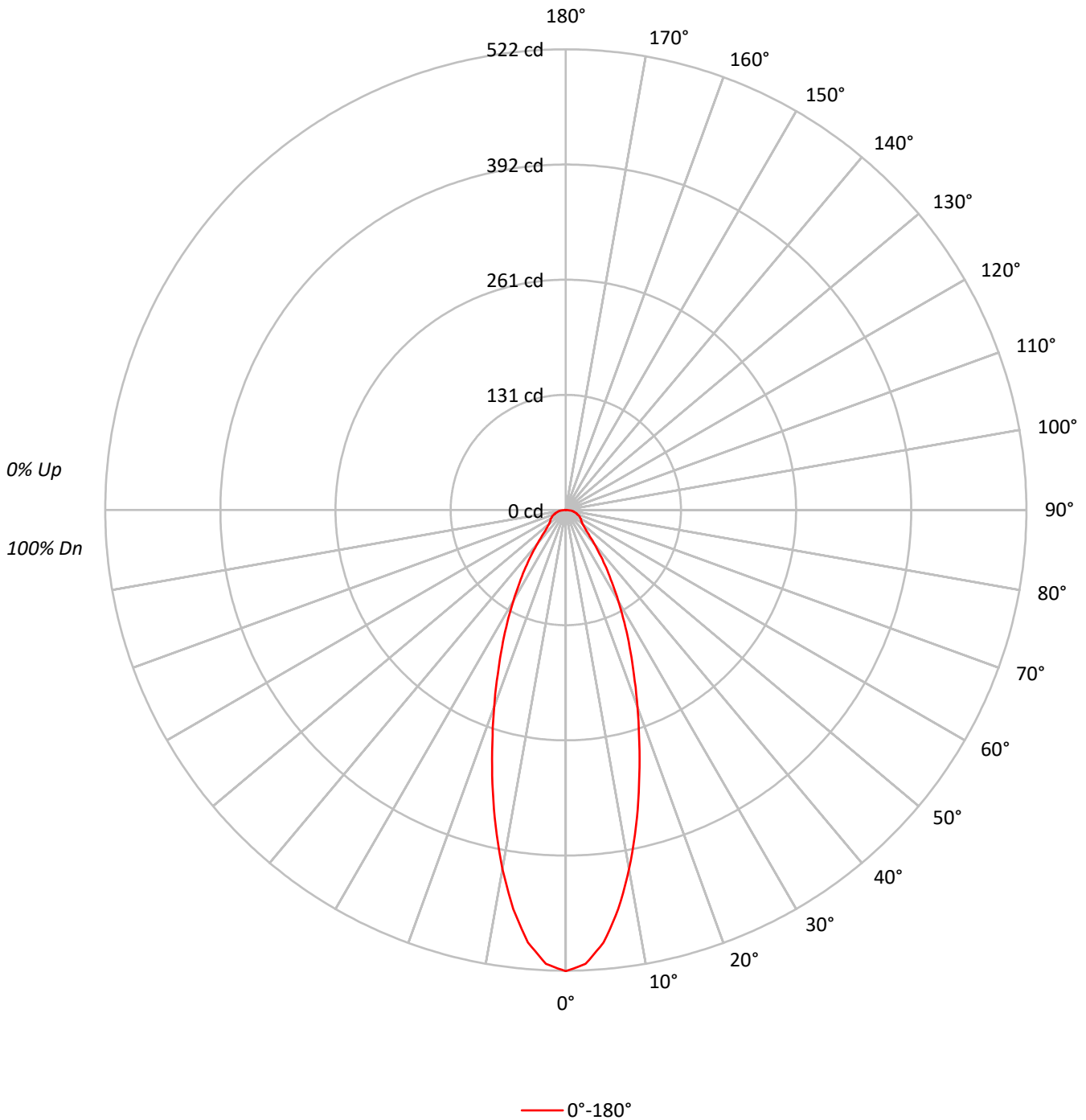
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 37.9 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	0
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°	114574
5°	108254
10°	92005
15°	72872
20°	55375
25°	41325
30°	30055
35°	21255
40°	14427
45°	10048
50°	8460
55°	8143
60°	8596
65°	8873
70°	8784
75°	9404
80°	10734
85°	10819

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°	44.4	13.0
10°-20°	88.8	26.1
20°-30°	78.7	23.1
30°-40°	50.1	14.7
40°-50°	26.5	7.8
50°-60°	19.5	5.7
60°-70°	16.6	4.9
70°-80°	11.7	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°	211.9	62.1
0°-40°	262.0	76.8
0°-60°	308.0	90.3
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	492	44
15°	321	89
25°	171	79
35°	79	50
45°	32	27
55°	21	19
65°	17	17
75°	11	12
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	522.5
2.5°	514.8
5°	491.8
7.5°	455.9
10°	413.2
12.5°	367.1
15°	321.0
17.5°	276.6
20°	237.3
22.5°	201.5
25°	170.8
27.5°	143.4
30°	118.7
32.5°	97.3
35°	79.4
37.5°	63.2
40°	50.4
42.5°	40.1
45°	32.4
47.5°	28.2
50°	24.8
52.5°	23.1
55°	21.3
57.5°	20.5
60°	19.6
62.5°	17.9
65°	17.1
67.5°	15.4
70°	13.7
72.5°	12.8
75°	11.1
77.5°	9.4
80°	8.5
82.5°	6.8
85°	4.3
87.5°	1.7
90°	0.0

(END OF REPORT)