

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: P1292371

Luminaire Tested: P3A09R25W2N902765DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292371
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902765DE010 E3D1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

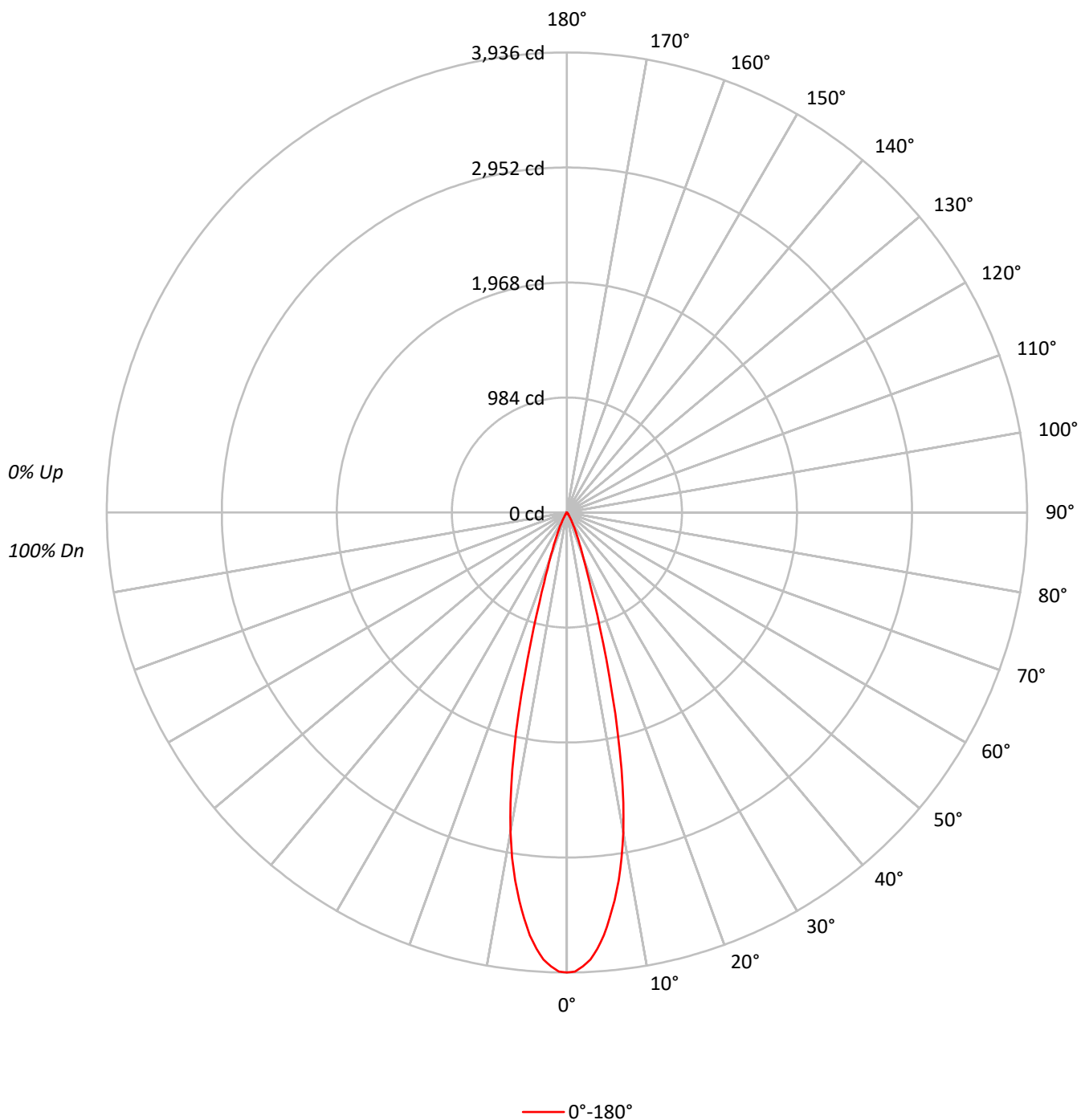
Lumens per Lamp: N/A
Luminaire Lumens: 788.0 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110	113	111	110	108	107	106	105		104	103	102		100	99	99	97
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94	92	90	89
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92	90	88	87
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90	88	86	85
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88	86	84	83
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86	84	82	81
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84	82	80	79
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83	80	78	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	863001
5°	799448
10°	618537
15°	295439
20°	97402
25°	41059
30°	15927
35°	6880
40°	2290
45°	1054
50°	375
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1054 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	319.2	40.5
10°-20°	363.1	46.1
20°-30°	84.4	10.7
30°-40°	17.7	2.2
40°-50°	2.8	0.4
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	766.7	97.3
0°-40°	784.4	99.5
0°-60°	787.8	100.0
0°-90°	788.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	788.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3936	
5°	3632	319
15°	1301	363
25°	170	84
35°	26	18
45°	3	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3935.6
1°	3927.6
2°	3886.8
3°	3829.3
4°	3741.6
5°	3631.9
6°	3491.1
7°	3343.6
8°	3178.2
9°	2991.6
10°	2777.9
11°	2530.2
12°	2246.0
13°	1934.5
14°	1608.8
15°	1301.4
16°	1029.4
17°	802.0
18°	630.8
19°	504.6
20°	417.4
21°	348.8
22°	292.9
23°	244.6
24°	204.6
25°	169.7
27.5°	100.6
30°	62.9
32.5°	40.3
35°	25.7
37.5°	15.4
40°	8.0
42.5°	5.1
45°	3.4
47.5°	2.0
50°	1.1
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)