

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: P1292204

Luminaire Tested: P3A09R25W2N902750DE010 E3D1WMH_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292204
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: P3A09R25W2N902750DE010 E3D1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

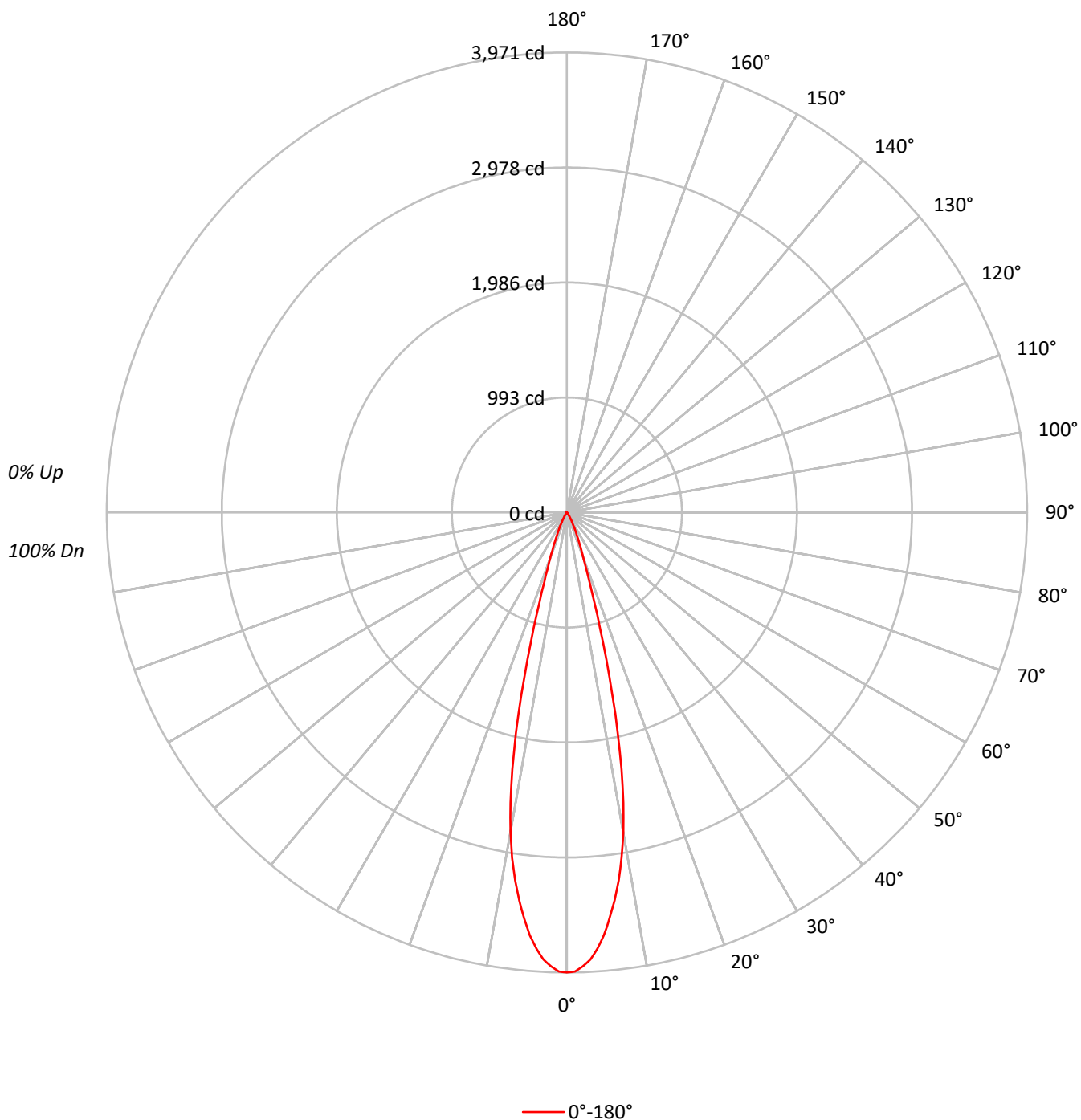
Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	870676
5°	806557
10°	624037
15°	298072
20°	98265
25°	41422
30°	16053
35°	6933
40°	2319
45°	1085
50°	409
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: 1085 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.1	40.5
10°-20°	366.3	46.1
20°-30°	85.1	10.7
30°-40°	17.9	2.2
40°-50°	2.9	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°	773.5	97.3
0°-40°	791.4	99.5
0°-60°	794.8	100.0
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3971	
5°	3664	322
15°	1313	366
25°	171	85
35°	26	18
45°	4	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3970.6
1°	3962.5
2°	3921.3
3°	3863.4
4°	3774.9
5°	3664.2
6°	3522.1
7°	3373.3
8°	3206.4
9°	3018.2
10°	2802.6
11°	2552.7
12°	2265.9
13°	1951.7
14°	1623.1
15°	1313.0
16°	1038.6
17°	809.1
18°	636.4
19°	509.0
20°	421.1
21°	351.9
22°	295.5
23°	246.7
24°	206.4
25°	171.2
27.5°	101.5
30°	63.4
32.5°	40.6
35°	25.9
37.5°	15.6
40°	8.1
42.5°	5.2
45°	3.5
47.5°	2.0
50°	1.2
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)