

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: P1294176

Luminaire Tested: P3A09R55W2N902750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294176
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R55W2N902750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

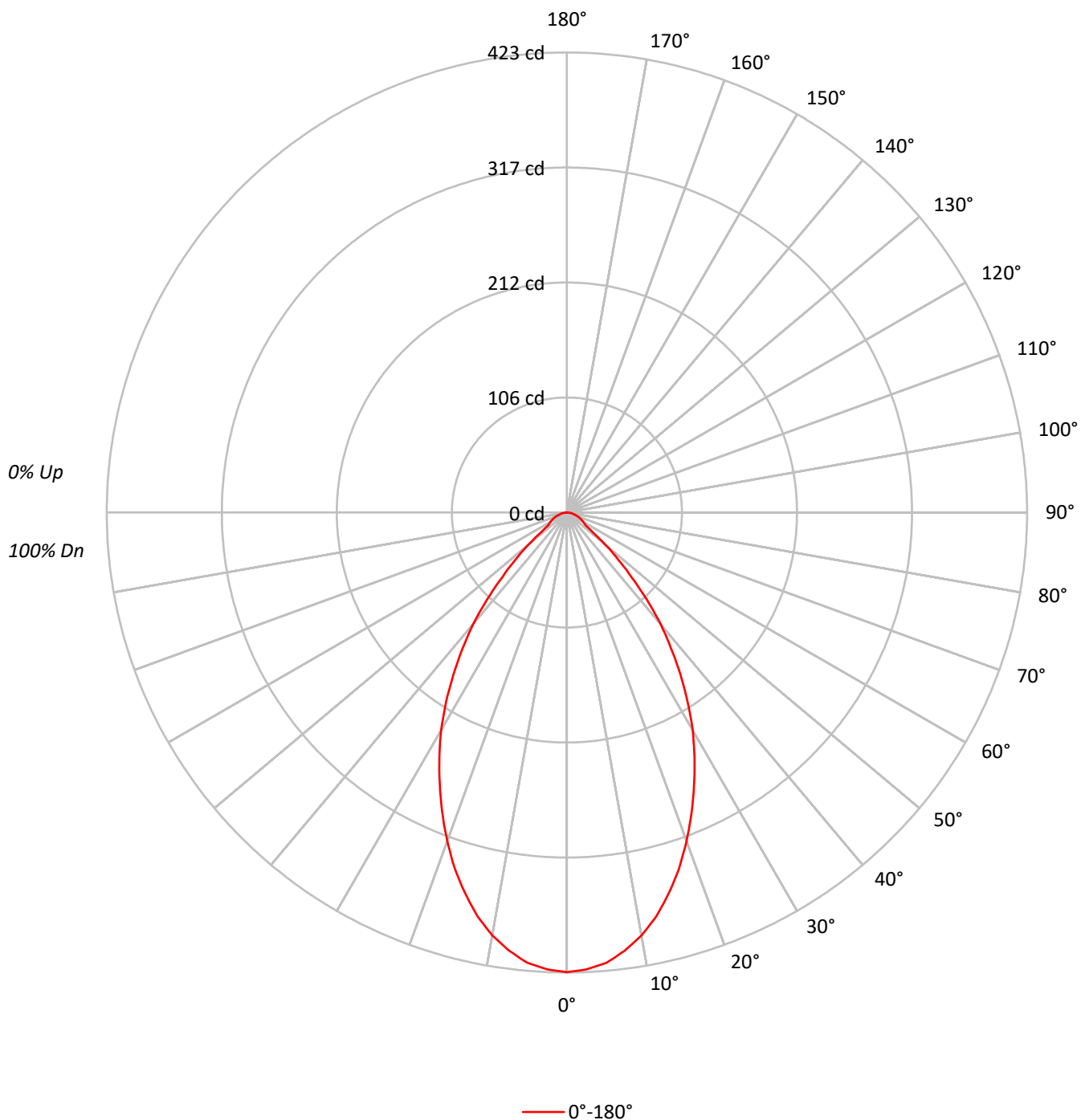
Lumens per Lamp: N/A
Luminaire Lumens: 493.0 lumens
Efficiency: N/A
Efficacy: 54.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	103	110	107	104	102	103	100	98		99	97	95		95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92690
5°	91503
10°	87908
15°	82225
20°	75000
25°	66923
30°	58541
35°	48640
40°	38329
45°	25987
50°	15897
55°	8220
60°	7675
65°	7264
70°	6732
75°	5931
80°	5935
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25987 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.0	7.9
10°-20°	101.2	20.5
20°-30°	126.8	25.7
30°-40°	113.2	23.0
40°-50°	66.3	13.4
50°-60°	22.9	4.6
60°-70°	13.8	2.8
70°-80°	7.7	1.6
80°-90°	2.2	0.4
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°	267.0	54.2
0°-40°	380.1	77.1
0°-60°	469.3	95.2
0°-90°	493.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	493.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	423	
5°	416	39
15°	362	101
25°	277	127
35°	182	113
45°	84	66
55°	22	23
65°	14	14
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	422.7
2.5°	420.4
5°	415.7
7.5°	406.4
10°	394.8
12.5°	380.2
15°	362.2
17.5°	343.0
20°	321.4
22.5°	299.3
25°	276.6
27.5°	253.9
30°	231.2
32.5°	206.7
35°	181.7
37.5°	157.2
40°	133.9
42.5°	108.9
45°	83.8
47.5°	64.1
50°	46.6
52.5°	30.3
55°	21.5
57.5°	19.2
60°	17.5
62.5°	15.7
65°	14.0
67.5°	12.2
70°	10.5
72.5°	8.7
75°	7.0
77.5°	5.8
80°	4.7
82.5°	2.9
85°	1.7
87.5°	1.2
90°	0.0

(END OF REPORT)