

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: P1259792

Luminaire Tested: P3AS09R709050DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259792
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709050DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

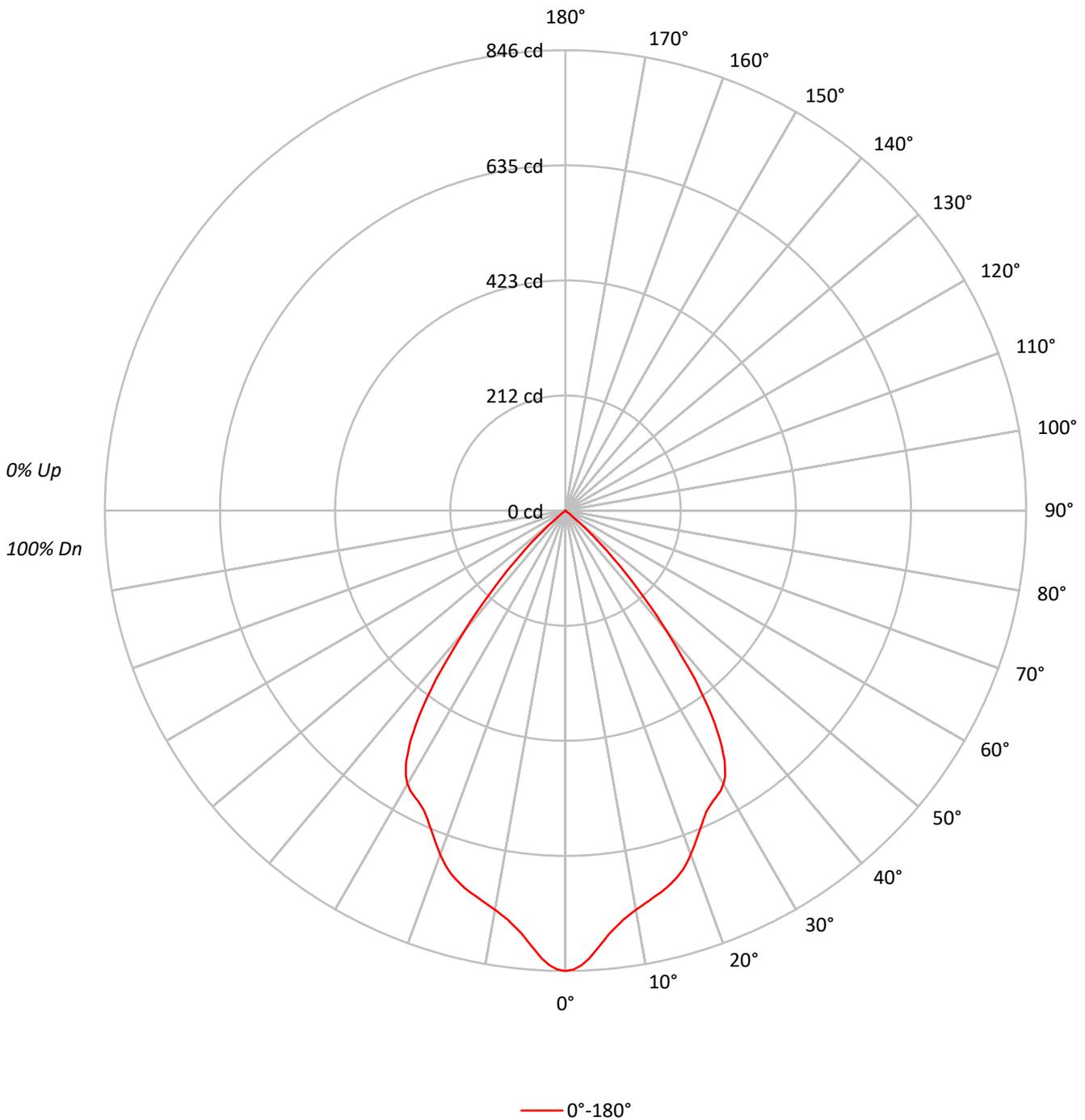
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 954.1 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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				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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79				79
4	95	87	81	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57				57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	185490
5°	174906
10°	165862
15°	162861
20°	157000
25°	147976
30°	146934
35°	127957
40°	82784
45°	39136
50°	5492
55°	459
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 39136 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.2	7.8
10°-20°	201.5	21.1
20°-30°	285.0	29.9
30°-40°	286.4	30.0
40°-50°	103.0	10.8
50°-60°	2.8	0.3
60°-70°	0.6	0.1
70°-80°	0.4	0.0
80°-90°	0.1	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°	560.7	58.8
0°-40°	847.1	88.8
0°-60°	952.9	99.9
0°-90°	954.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	846	
5°	795	74
15°	717	201
25°	612	285
35°	478	286
45°	126	103
55°	1	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	845.9
1°	843.6
2°	836.1
3°	824.4
4°	809.5
5°	794.6
6°	780.5
7°	769.5
8°	759.7
9°	751.9
10°	744.9
11°	739.0
12°	733.5
13°	728.0
14°	722.9
15°	717.4
16°	710.8
17°	703.7
18°	695.1
19°	684.5
20°	672.8
21°	659.8
22°	646.9
23°	634.4
24°	622.2
25°	611.6
26°	604.2
27°	598.3
28°	593.6
29°	588.1
30°	580.3
31°	568.9
32°	552.9
32.5°	543.8
33°	531.7
34°	507.8
35°	478.0
36°	445.1
37°	407.9
37.5°	390.6
38°	367.1
39°	325.2
40°	289.2
42.5°	200.2
45°	126.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	67.8
50°	16.1
52.5°	2.0
55°	1.2
57.5°	1.2
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)