

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: P1261149

Luminaire Tested: P3AS24R509050D010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261149
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509050D010 E3D1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

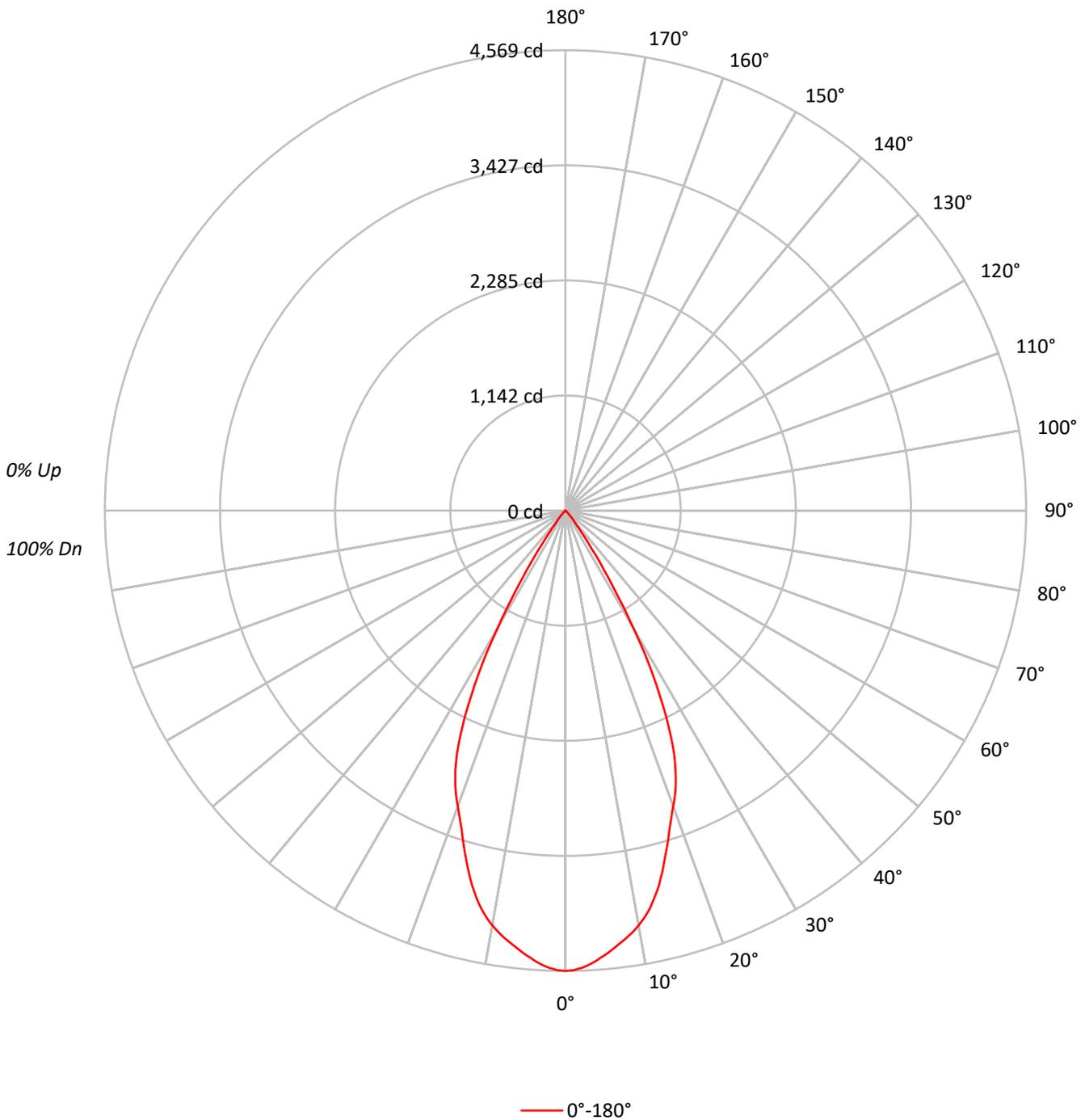
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2867.0 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	109	107	112	110	108	106	105	104	102	102	101	99	98	97	97	97	97	97	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	92	88	85	90	87	84	88	85	83	87	84	82	82	82	82	80
5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	70	70	70	68
8	84	76	71	67	83	76	71	67	75	70	67	74	69	66	73	69	66	66	66	66	65
9	81	73	67	64	80	72	67	64	71	67	63	70	66	63	70	66	63	63	63	63	62
10	78	69	64	61	77	69	64	61	68	64	60	67	63	60	67	63	60	60	60	60	59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1001893
5°	975234
10°	930644
15°	842525
20°	728903
25°	597881
30°	343445
35°	106675
40°	28654
45°	10048
50°	2422
55°	765
60°	439
65°	519
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10048 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	415.0	14.5
10°-20°	1028.3	35.9
20°-30°	1080.8	37.7
30°-40°	309.3	10.8
40°-50°	30.2	1.1
50°-60°	2.4	0.1
60°-70°	0.9	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°	2524.1	88.0
0°-40°	2833.4	98.8
0°-60°	2866.1	100.0
0°-90°	2867.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2867.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4569	
5°	4430	415
15°	3711	1028
25°	2471	1081
35°	398	309
45°	32	30
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4569.0
1°	4562.0
2°	4541.7
3°	4512.4
4°	4472.9
5°	4430.5
6°	4384.9
7°	4336.4
8°	4290.9
9°	4238.3
10°	4179.6
11°	4111.8
12°	4033.9
13°	3936.8
14°	3831.6
15°	3711.3
16°	3583.8
17°	3460.4
18°	3334.0
19°	3222.7
20°	3123.6
21°	3028.5
22°	2920.3
23°	2795.8
24°	2650.2
25°	2471.1
26°	2276.9
27°	2060.5
28°	1845.0
29°	1612.4
30°	1356.4
31°	1116.7
32°	896.2
32.5°	800.1
33°	703.0
34°	539.1
35°	398.5
36°	292.3
37°	217.5
37.5°	188.1
38°	162.9
39°	126.4
40°	100.1
42.5°	56.6
45°	32.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	18.2
50°	7.1
52.5°	3.0
55°	2.0
57.5°	2.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.0
72.5°	0.0
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)