

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: P1253135

Luminaire Tested: P3AS24R509030D010 E3D1H

Issue Date: 1/29/2026

**Test Information**

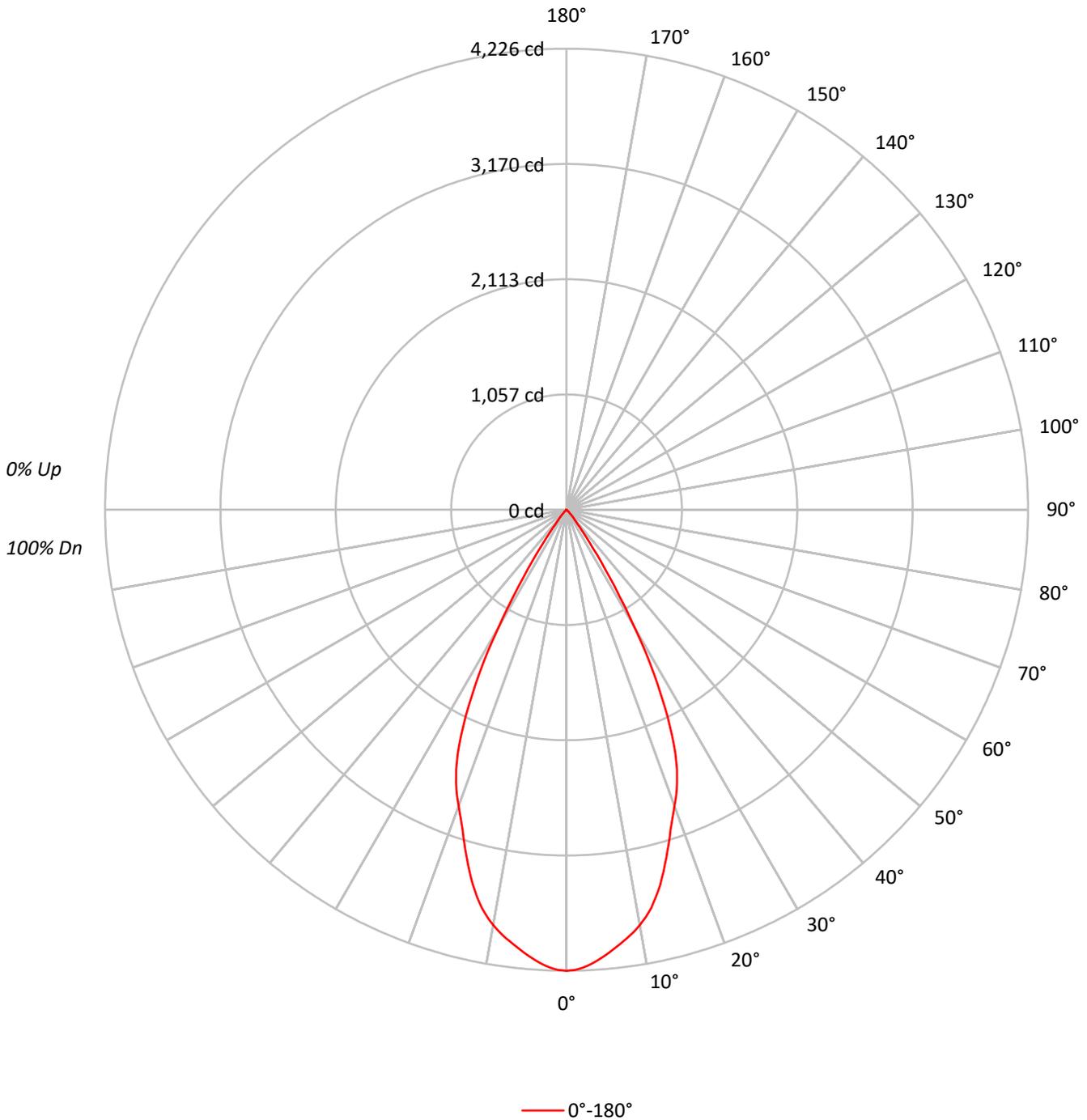
Test Method: LM-79-2019  
Report Number: P1253135  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R509030D010 E3D1H  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2652.0 lumens  
Efficiency: N/A  
Efficacy: 92.1 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 (A<sub>in</sub>): 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	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°	926768
5°	902089
10°	860861
15°	779346
20°	674229
25°	553048
30°	317694
35°	98698
40°	26507
45°	9272
50°	2217
55°	726
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9272 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	383.9	14.5
10°-20°	951.2	35.9
20°-30°	999.8	37.7
30°-40°	286.1	10.8
40°-50°	27.9	1.1
50°-60°	2.3	0.1
60°-70°	0.8	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°	2334.8	88.0
0°-40°	2621.0	98.8
0°-60°	2651.2	100.0
0°-90°	2652.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2652.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4226	
5°	4098	384
15°	3433	951
25°	2286	1000
35°	369	286
45°	30	28
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4226.4
1°	4219.9
2°	4201.1
3°	4174.0
4°	4137.5
5°	4098.2
6°	4056.1
7°	4011.2
8°	3969.1
9°	3920.4
10°	3866.2
11°	3803.5
12°	3731.4
13°	3641.6
14°	3544.3
15°	3433.0
16°	3315.1
17°	3200.9
18°	3084.0
19°	2981.0
20°	2889.3
21°	2801.4
22°	2701.3
23°	2586.2
24°	2451.4
25°	2285.8
26°	2106.2
27°	1906.0
28°	1706.7
29°	1491.5
30°	1254.7
31°	1033.0
32°	829.0
32.5°	740.1
33°	650.3
34°	498.7
35°	368.7
36°	270.4
37°	201.2
37.5°	174.0
38°	150.6
39°	117.0
40°	92.6
42.5°	52.4
45°	29.9



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	16.8
50°	6.5
52.5°	2.8
55°	1.9
57.5°	1.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
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)