

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: P1253025

Luminaire Tested: P3AS24R309030D010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

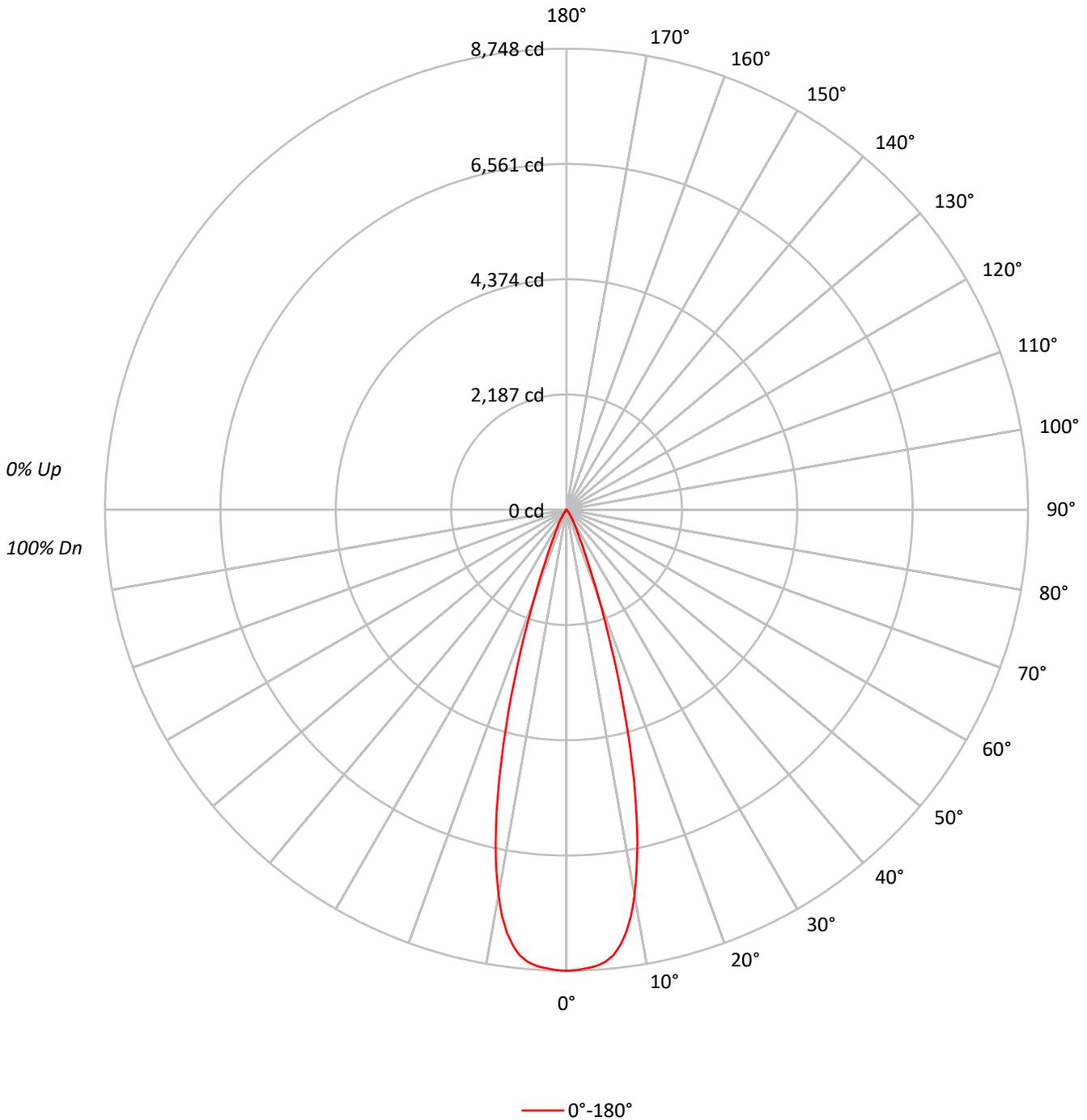
Test Method: LM-79-2019  
Report Number: P1253025  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R309030D010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2411.0 lumens  
Efficiency: N/A  
Efficacy: 83.7 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47  
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	100	100	100	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	94	94	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	90	90	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	88	88	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	85	85	85
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	82	82	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	80	80	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	78	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	76	76	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	74	74	74

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	1918267
5°	1893259
10°	1652987
15°	1050653
20°	416280
25°	139048
30°	64693
35°	29312
40°	11250
45°	5520
50°	1603
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: 5520 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	786.4	32.6
10°-20°	1219.5	50.6
20°-30°	314.4	13.0
30°-40°	73.9	3.1
40°-50°	14.4	0.6
50°-60°	1.7	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°	2320.3	96.2
0°-40°	2394.1	99.3
0°-60°	2410.2	100.0
0°-90°	2411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2411.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	8748	
5°	8601	786
15°	4628	1219
25°	575	314
35°	110	74
45°	18	14
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	8748.0
1°	8741.4
2°	8720.8
3°	8697.5
4°	8662.8
5°	8601.1
6°	8500.9
7°	8334.3
8°	8106.9
9°	7810.2
10°	7423.7
11°	6964.1
12°	6462.5
13°	5885.0
14°	5280.4
15°	4628.1
16°	3988.9
17°	3373.0
18°	2782.5
19°	2240.6
20°	1783.9
21°	1403.9
22°	1104.4
23°	874.1
24°	700.1
25°	574.7
26°	479.2
27°	407.1
28°	351.9
29°	301.4
30°	255.5
32.5°	161.0
35°	109.5
37.5°	68.3
40°	39.3
42.5°	26.2
45°	17.8
47.5°	10.3
50°	4.7
52.5°	1.9
55°	1.9
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9



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**CANDELA DISTRIBUTION (continued):**

	0°
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)