

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: P1251552

Luminaire Tested: P3AS09R309030DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

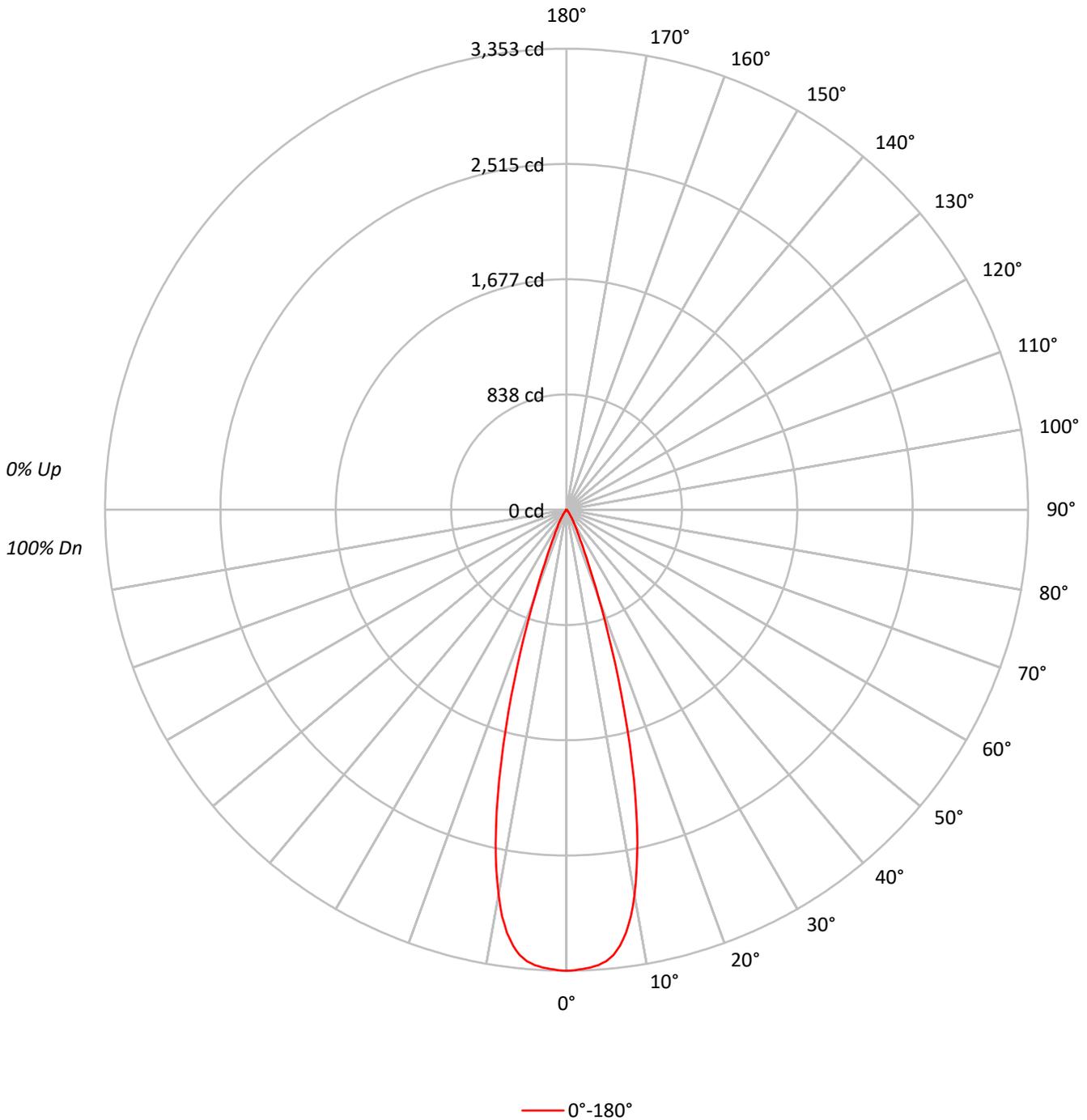
Test Method: LM-79-2019  
Report Number: P1251552  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309030DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 924.0 lumens  
Efficiency: N/A  
Efficacy: 83.2 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): 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				
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	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	85
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	82
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	81	80	78
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	76
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	74
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	72
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	70

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

	0°
0°	735160
5°	725576
10°	633500
15°	402658
20°	159521
25°	53277
30°	24789
35°	11243
40°	4322
45°	2109
50°	614
55°	268
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2109 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	301.4	32.6
10°-20°	467.4	50.6
20°-30°	120.5	13.0
30°-40°	28.3	3.1
40°-50°	5.5	0.6
50°-60°	0.6	0.1
60°-70°	0.3	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°	889.2	96.2
0°-40°	917.5	99.3
0°-60°	923.7	100.0
0°-90°	924.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	924.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3353	
5°	3296	301
15°	1774	467
25°	220	120
35°	42	28
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3352.6
1°	3350.1
2°	3342.2
3°	3333.2
4°	3320.0
5°	3296.3
6°	3257.9
7°	3194.1
8°	3106.9
9°	2993.2
10°	2845.1
11°	2669.0
12°	2476.7
13°	2255.4
14°	2023.7
15°	1773.7
16°	1528.7
17°	1292.7
18°	1066.4
19°	858.7
20°	683.6
21°	538.0
22°	423.2
23°	335.0
24°	268.3
25°	220.2
26°	183.6
27°	156.0
28°	134.9
29°	115.5
30°	97.9
32.5°	61.7
35°	42.0
37.5°	26.2
40°	15.1
42.5°	10.0
45°	6.8
47.5°	3.9
50°	1.8
52.5°	0.7
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.4
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)