

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: P1260406

Luminaire Tested: P3AS17R409050DE010 E3D1WMH

Issue Date: 1/29/2026

**Test Information**

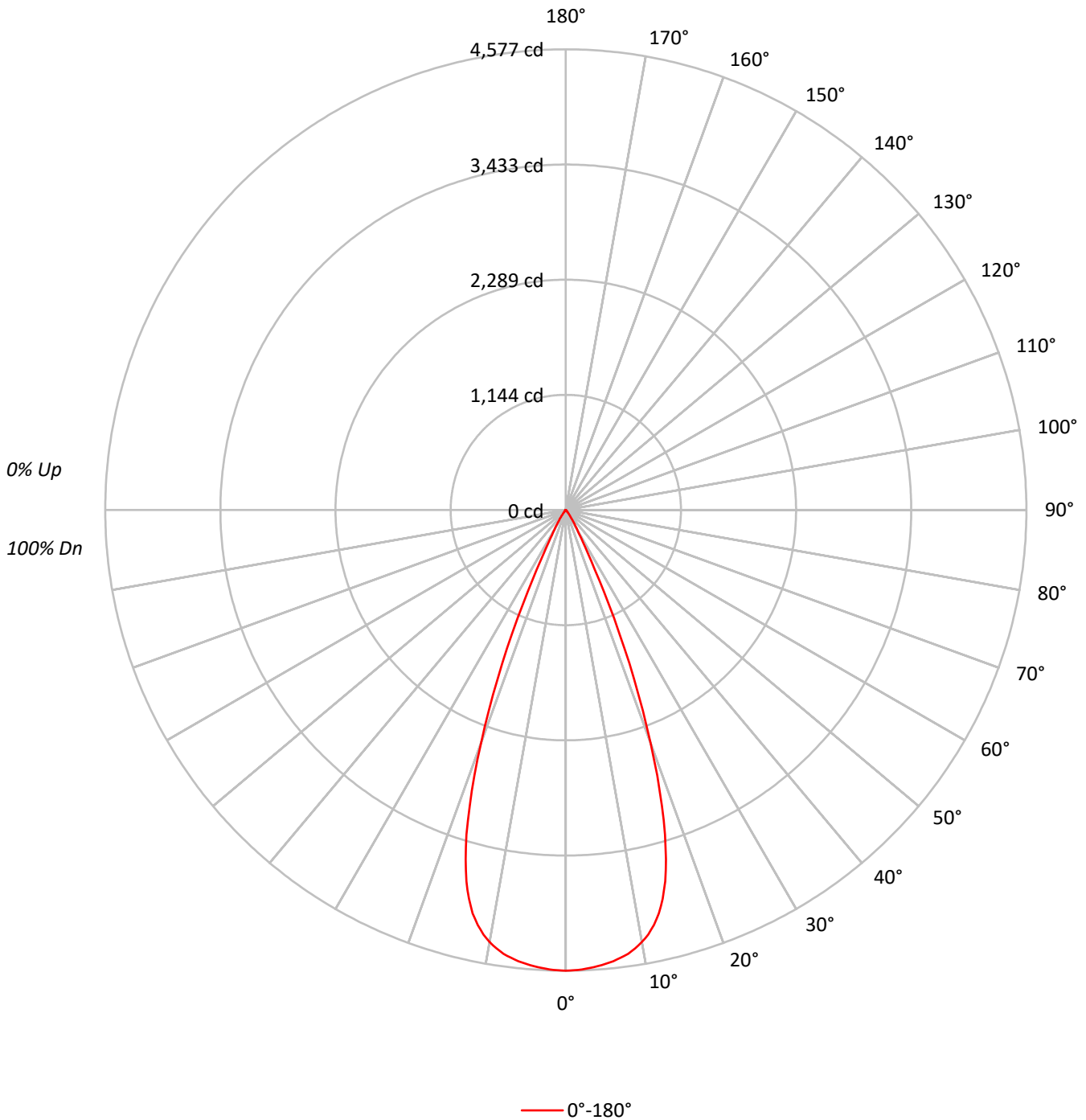
Test Method: LM-79-2019  
Report Number: P1260406  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R409050DE010 E3D1WMH  
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1969.0 lumens  
Efficiency: N/A  
Efficacy: 92.9 lumens/watt  
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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				
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	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96	96	96	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92	92	92	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88	88	88	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85	85	85	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82	82	82	82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79	79	79	79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76	76	76	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73	73	73	73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70	70	70	70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68	68	68	68

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

	0°
0°	1003648
5°	996409
10°	970323
15°	866770
20°	574727
25°	215311
30°	57604
35°	22513
40°	8101
45°	3845
50°	1160
55°	535
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3845 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	427.2	21.7
10°-20°	1011.7	51.4
20°-30°	458.8	23.3
30°-40°	59.5	3.0
40°-50°	10.3	0.5
50°-60°	1.2	0.1
60°-70°	0.4	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°	1897.6	96.4
0°-40°	1957.1	99.4
0°-60°	1968.6	100.0
0°-90°	1969.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1969.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4577	
5°	4527	427
15°	3818	1012
25°	890	459
35°	84	59
45°	12	10
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	4577.0
1°	4574.2
2°	4567.3
3°	4557.0
4°	4543.9
5°	4526.7
6°	4506.7
7°	4481.9
8°	4451.5
9°	4410.2
10°	4357.8
11°	4296.4
12°	4214.4
13°	4113.1
14°	3980.7
15°	3818.1
16°	3610.6
17°	3374.1
18°	3090.2
19°	2790.3
20°	2462.9
21°	2135.5
22°	1812.9
23°	1491.7
24°	1176.0
25°	889.9
26°	659.0
27°	482.5
28°	362.6
29°	281.9
30°	227.5
31°	188.2
32°	157.2
32.5°	143.4
33°	129.6
34°	105.5
35°	84.1
36°	66.2
37°	52.4
37.5°	46.9
38°	41.4
39°	34.5
40°	28.3
42.5°	18.6
45°	12.4



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	7.6
50°	3.4
52.5°	1.4
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.0
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)