

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: P1294004

Luminaire Tested: P3AS09R50W2N902765DE010 E3DLD1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

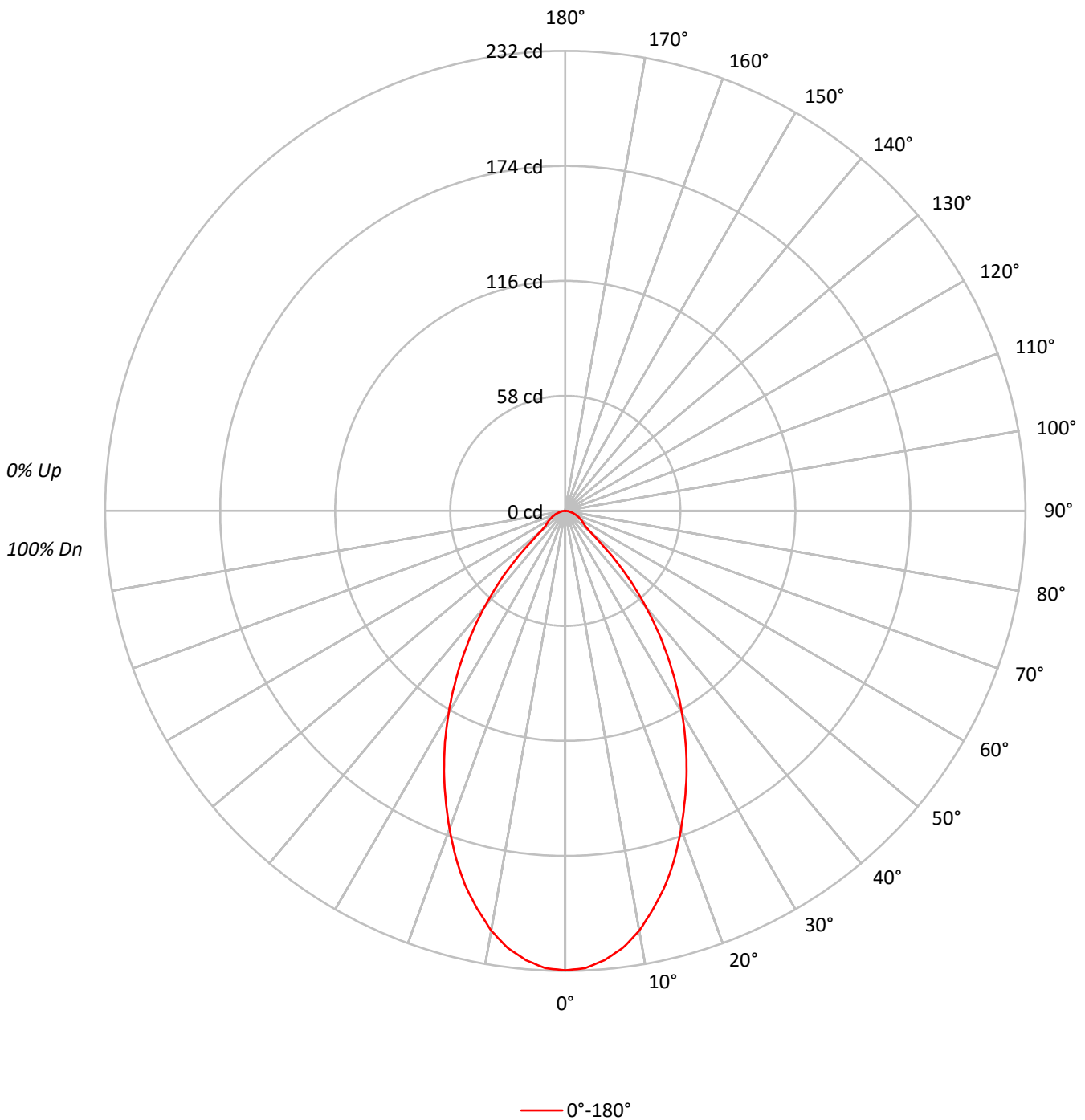
Test Method: LM-79-2019  
Report Number: P1294004  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902765DE010 E3DLD1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 250.1 lumens  
Efficiency: N/A  
Efficacy: 27.8 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43

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

	0°
0°	50807
5°	50055
10°	47850
15°	44314
20°	39810
25°	35010
30°	29777
35°	24146
40°	18120
45°	11691
50°	5561
55°	4358
60°	4122
65°	3840
70°	3462
75°	3135
80°	2904
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11691 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.3	8.5
10°-20°	54.4	21.8
20°-30°	66.1	26.4
30°-40°	56.1	22.4
40°-50°	29.1	11.6
50°-60°	10.5	4.2
60°-70°	7.3	2.9
70°-80°	4.0	1.6
80°-90°	1.2	0.5
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°	141.9	56.7
0°-40°	197.9	79.2
0°-60°	237.6	95.0
0°-90°	250.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	232	
5°	227	21
15°	195	54
25°	145	66
35°	90	56
45°	38	29
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	231.7
2.5°	230.8
5°	227.4
7.5°	222.3
10°	214.9
12.5°	205.4
15°	195.2
17.5°	183.5
20°	170.6
22.5°	157.5
25°	144.7
27.5°	131.3
30°	117.6
32.5°	103.9
35°	90.2
37.5°	76.8
40°	63.3
42.5°	50.5
45°	37.7
47.5°	25.1
50°	16.3
52.5°	12.6
55°	11.4
57.5°	10.3
60°	9.4
62.5°	8.3
65°	7.4
67.5°	6.3
70°	5.4
72.5°	4.6
75°	3.7
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)