

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: P1294005

Luminaire Tested: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

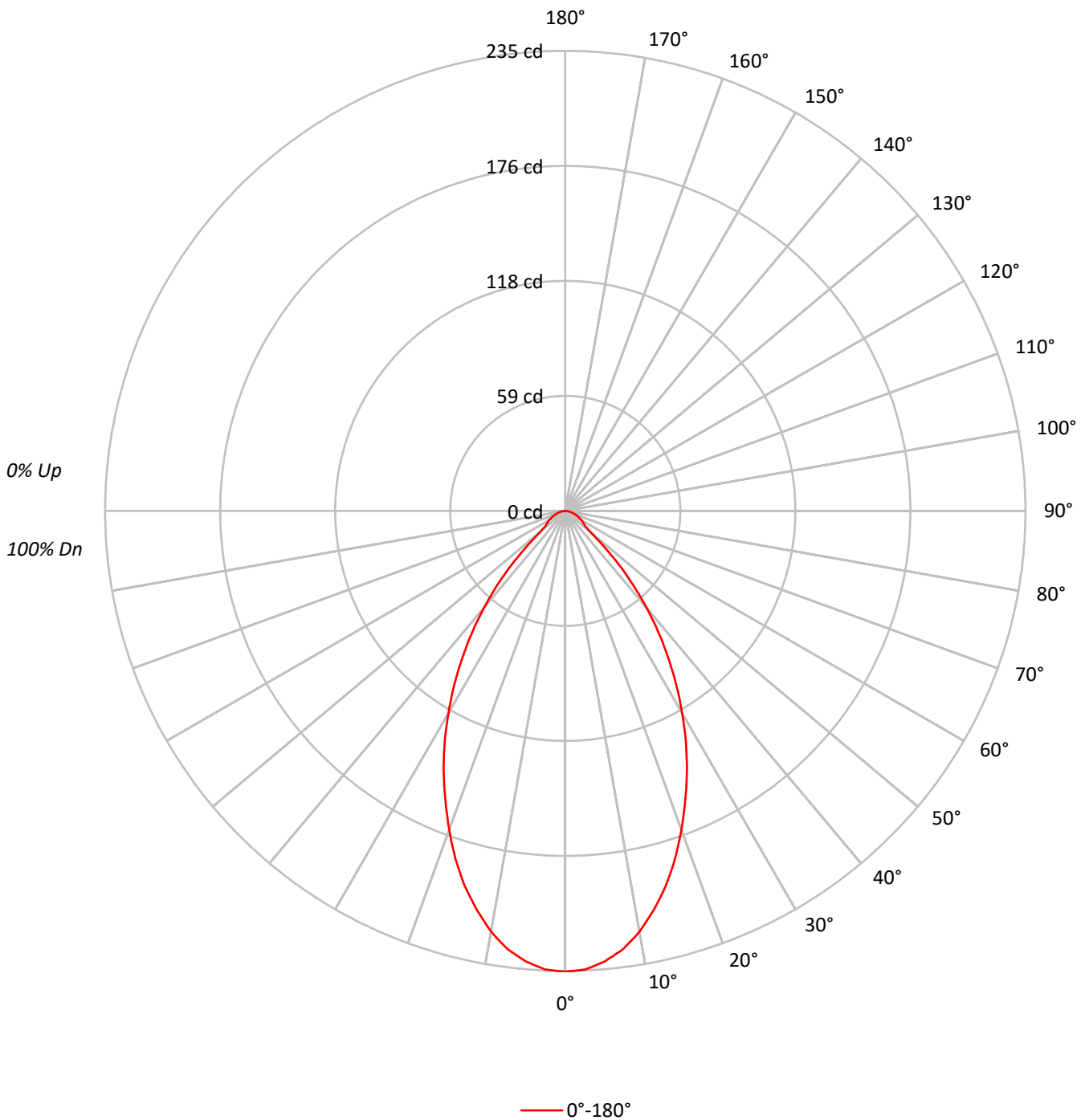
Test Method: LM-79-2019  
Report Number: P1294005  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 3500K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 254.0 lumens  
Efficiency: N/A  
Efficacy: 28.2 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

TEST NUMBER: P1294005  
CATALOG NUMBER: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K

### Luminous Intensity Polar Plot





TEST NUMBER: P1294005  
 CATALOG NUMBER: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K

**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
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			43

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

	0°
0°	51619
5°	50847
10°	48607
15°	45017
20°	40464
25°	35567
30°	30232
35°	24521
40°	18435
45°	11877
50°	5629
55°	4435
60°	4210
65°	3891
70°	3526
75°	3219
80°	2904
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11877 cd/sqm



TEST NUMBER: P1294005

CATALOG NUMBER: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.7	8.5
10°-20°	55.3	21.8
20°-30°	67.2	26.4
30°-40°	57.0	22.4
40°-50°	29.6	11.7
50°-60°	10.7	4.2
60°-70°	7.4	2.9
70°-80°	4.0	1.6
80°-90°	1.3	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°	144.1	56.7
0°-40°	201.1	79.2
0°-60°	241.4	95.0
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	235	
5°	231	22
15°	198	55
25°	147	67
35°	92	57
45°	38	30
55°	12	11
65°	8	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1294005  
CATALOG NUMBER: P3AS09R50W2N902765DE010 E3DLD1GPH\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	235.4
2.5°	234.5
5°	231.0
7.5°	225.8
10°	218.3
12.5°	208.7
15°	198.3
17.5°	186.4
20°	173.4
22.5°	160.0
25°	147.0
27.5°	133.4
30°	119.4
32.5°	105.5
35°	91.6
37.5°	78.0
40°	64.4
42.5°	51.3
45°	38.3
47.5°	25.5
50°	16.5
52.5°	12.8
55°	11.6
57.5°	10.4
60°	9.6
62.5°	8.4
65°	7.5
67.5°	6.4
70°	5.5
72.5°	4.6
75°	3.8
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)