

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: P1293673

Luminaire Tested: P3AS09R45W2N902765DE010 E3DL1WH\_3000K

Issue Date: 1/30/2026

**Test Information**

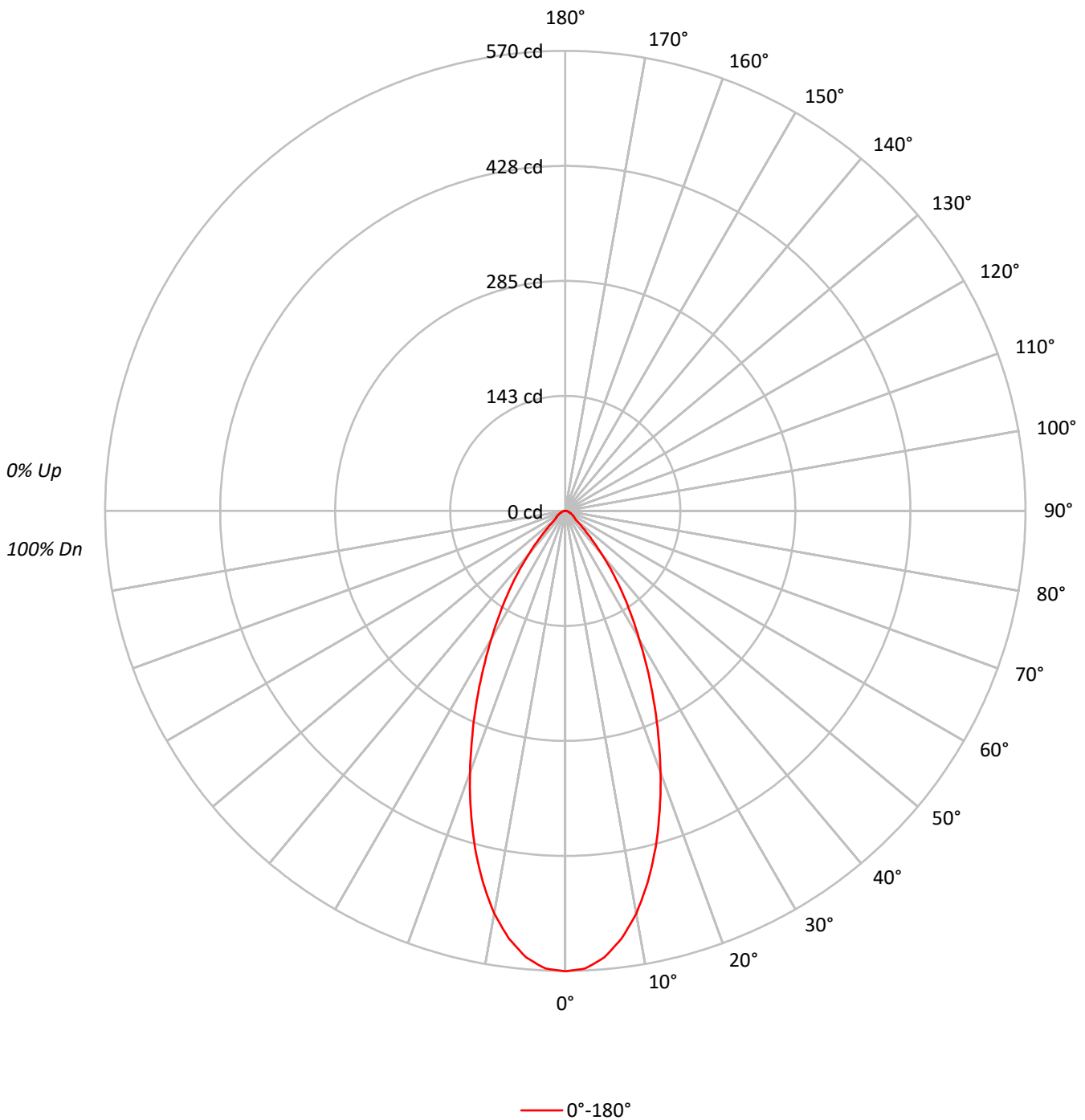
Test Method: LM-79-2019  
Report Number: P1293673  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R45W2N902765DE010 E3DL1WH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 420.0 lumens  
Efficiency: N/A  
Efficacy: 46.7 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
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: P1293673  
CATALOG NUMBER: P3AS09R45W2N902765DE010 E3DL1WH\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1293673

CATALOG NUMBER: P3AS09R45W2N902765DE010 E3DL1WH\_3000K

**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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			50

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

	0°
0°	125100
5°	122254
10°	112779
15°	98071
20°	80554
25°	62689
30°	46286
35°	32578
40°	20324
45°	11009
50°	5970
55°	5123
60°	4605
65°	3943
70°	3334
75°	3474
80°	2904
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11009 cd/sqm



TEST NUMBER: P1293673

CATALOG NUMBER: P3AS09R45W2N902765DE010 E3DL1WH\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.4	12.2
10°-20°	119.4	28.4
20°-30°	118.6	28.2
30°-40°	76.4	18.2
40°-50°	29.4	7.0
50°-60°	12.0	2.8
60°-70°	7.5	1.8
70°-80°	4.1	1.0
80°-90°	1.3	0.3
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°	289.4	68.9
0°-40°	365.8	87.1
0°-60°	407.1	96.9
0°-90°	420.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	420.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	570	
5°	555	51
15°	432	119
25°	259	119
35°	122	76
45°	36	29
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1293673  
CATALOG NUMBER: P3AS09R45W2N902765DE010 E3DL1WH\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	570.5
2.5°	567.6
5°	555.4
7.5°	534.4
10°	506.5
12.5°	471.5
15°	432.0
17.5°	388.9
20°	345.2
22.5°	301.0
25°	259.1
27.5°	219.5
30°	182.8
32.5°	150.8
35°	121.7
37.5°	95.5
40°	71.0
42.5°	51.2
45°	35.5
47.5°	23.9
50°	17.5
52.5°	14.6
55°	13.4
57.5°	11.6
60°	10.5
62.5°	8.7
65°	7.6
67.5°	6.4
70°	5.2
72.5°	4.7
75°	4.1
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)