

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: P1292442

Luminaire Tested: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

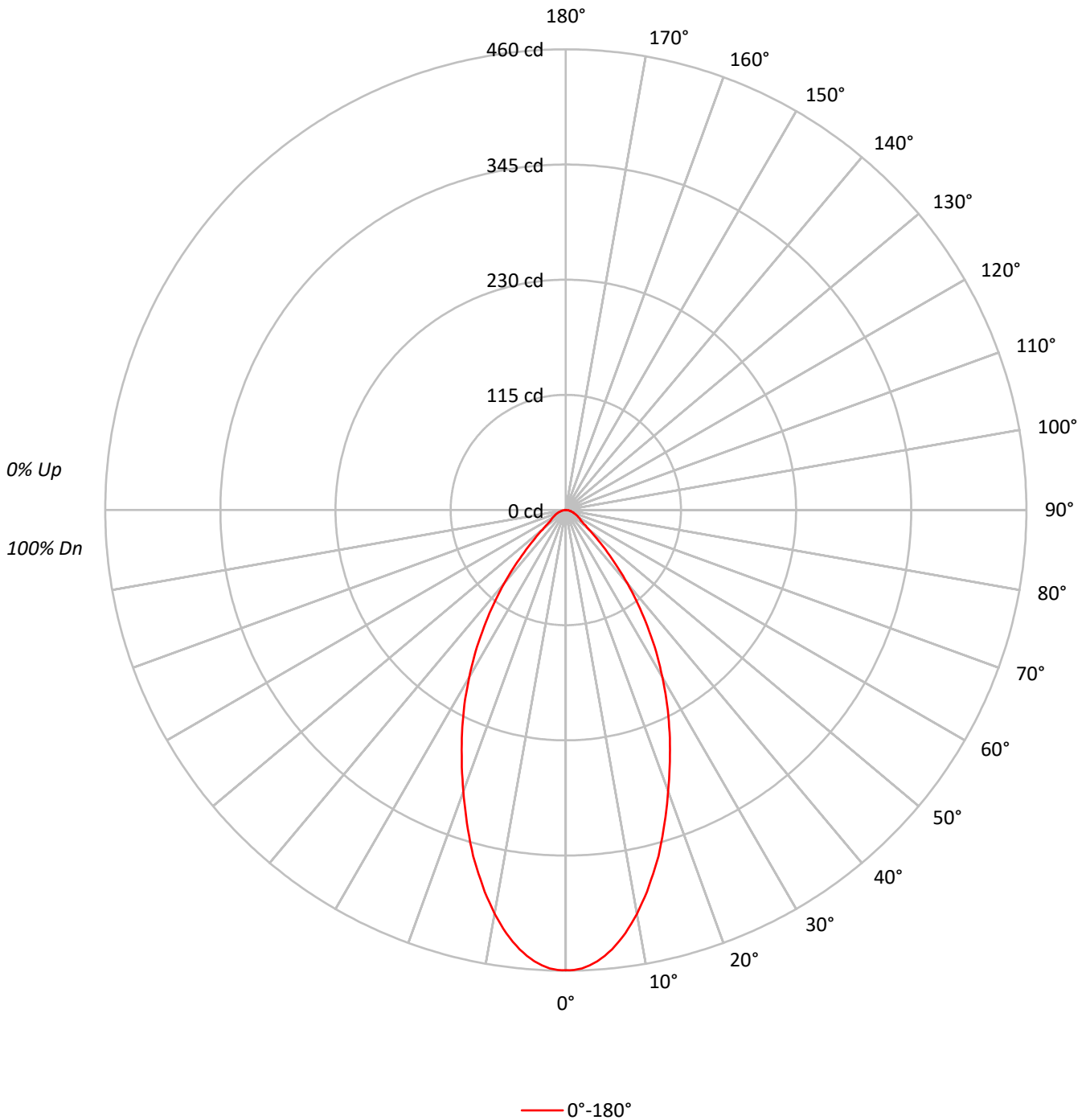
Test Method: LM-79-2019  
Report Number: P1292442  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 424.0 lumens  
Efficiency: N/A  
Efficacy: 47.1 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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: P1292442  
CATALOG NUMBER: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1292442

CATALOG NUMBER: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

**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	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	100759
5°	98371
10°	91158
15°	81181
20°	69773
25°	59302
30°	48818
35°	38039
40°	27366
45°	17366
50°	10268
55°	7073
60°	6491
65°	6019
70°	5450
75°	4914
80°	4672
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17366 cd/sqm



TEST NUMBER: P1292442

CATALOG NUMBER: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.4	9.8
10°-20°	99.3	23.4
20°-30°	112.2	26.5
30°-40°	88.7	20.9
40°-50°	44.8	10.6
50°-60°	17.9	4.2
60°-70°	11.5	2.7
70°-80°	6.4	1.5
80°-90°	1.8	0.4
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°	252.9	59.6
0°-40°	341.6	80.6
0°-60°	404.4	95.4
0°-90°	424.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	424.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	460	
5°	447	41
15°	358	99
25°	245	112
35°	142	89
45°	56	45
55°	18	18
65°	12	11
75°	6	6
85°	2	2
90°	0	



TEST NUMBER: P1292442  
CATALOG NUMBER: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	459.5
1°	459.5
2°	458.0
3°	455.3
4°	451.6
5°	446.9
6°	441.1
7°	434.2
8°	426.8
9°	418.3
10°	409.4
11°	399.3
12°	389.8
13°	378.7
14°	368.2
15°	357.6
17.5°	328.0
20°	299.0
22.5°	271.5
25°	245.1
27.5°	219.2
30°	192.8
32.5°	168.0
35°	142.1
37.5°	118.3
40°	95.6
42.5°	74.5
45°	56.0
47.5°	41.7
50°	30.1
52.5°	22.7
55°	18.5
57.5°	16.9
60°	14.8
62.5°	13.2
65°	11.6
67.5°	10.0
70°	8.5
72.5°	7.4
75°	5.8
77.5°	4.8
80°	3.7
82.5°	2.6
85°	1.6
87.5°	0.5



TEST NUMBER: P1292442  
CATALOG NUMBER: P3AS09R25W2N902765DE010 E3DLD1WMH\_2700K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)