

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: P1292794

Luminaire Tested: P3A09R30W2N902765DE010 E3DLD1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

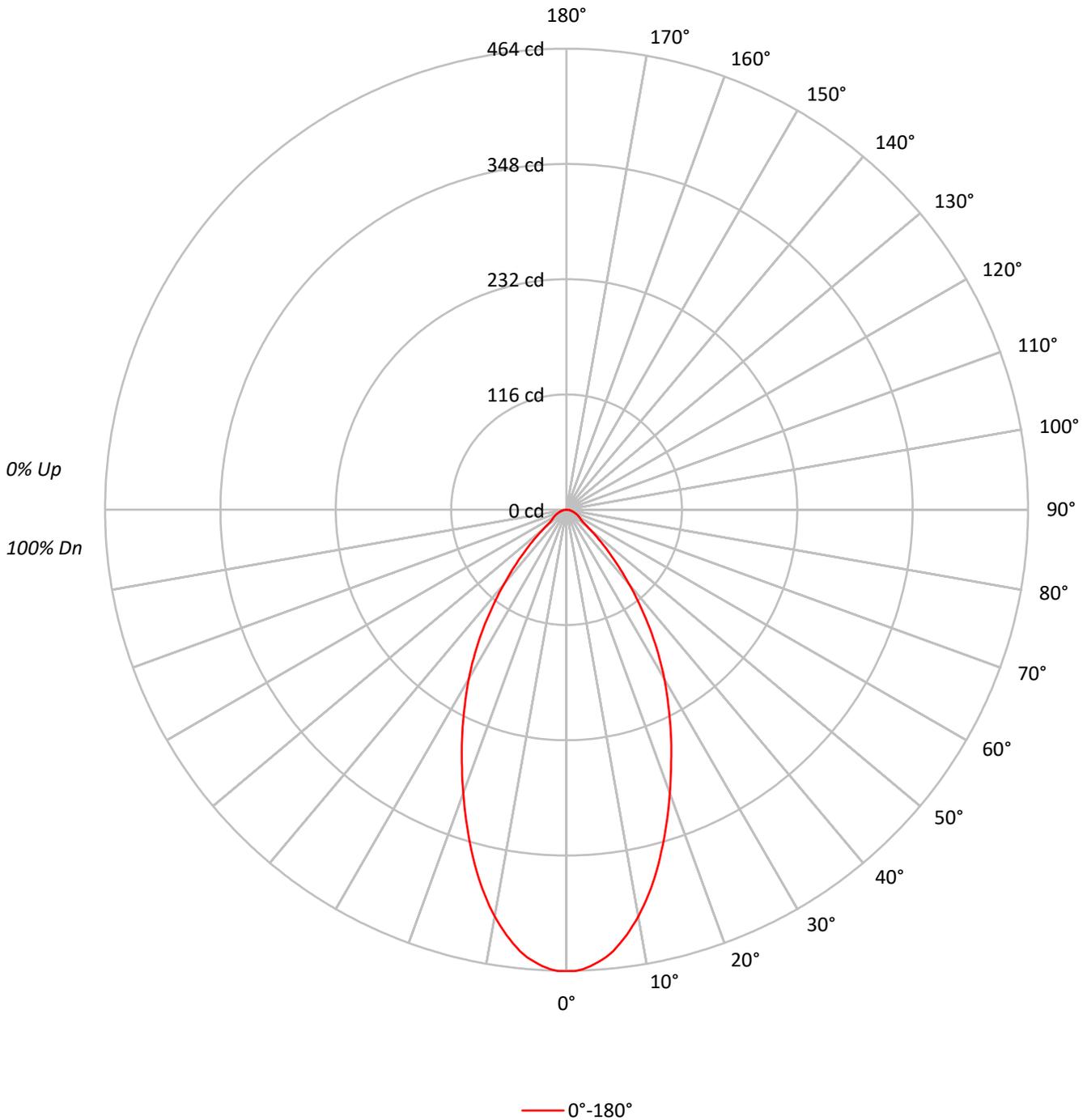
Test Method: LM-79-2019  
Report Number: P1292794  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R30W2N902765DE010 E3DLD1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,  
E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 431.0 lumens  
Efficiency: N/A  
Efficacy: 47.9 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

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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	50	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	84	80	78	76				76
4	94	85	79	74	92	84	79	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°	101834
5°	99537
10°	92561
15°	82361
20°	70846
25°	60003
30°	49805
35°	39083
40°	27995
45°	18358
50°	10473
55°	6881
60°	6491
65°	6019
70°	5450
75°	4914
80°	4672
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18358 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.0	9.7
10°-20°	100.9	23.4
20°-30°	113.7	26.4
30°-40°	90.8	21.1
40°-50°	46.6	10.8
50°-60°	17.6	4.1
60°-70°	11.5	2.7
70°-80°	6.2	1.4
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°	256.5	59.5
0°-40°	347.3	80.6
0°-60°	411.5	95.5
0°-90°	431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	464	
5°	452	42
15°	363	101
25°	248	114
35°	146	91
45°	59	47
55°	18	18
65°	12	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	464.4
1°	464.4
2°	462.8
3°	460.1
4°	456.4
5°	452.2
6°	446.9
7°	440.0
8°	432.6
9°	424.2
10°	415.7
11°	406.2
12°	396.1
13°	385.6
14°	374.4
15°	362.8
17.5°	333.2
20°	303.6
22.5°	275.0
25°	248.0
27.5°	221.6
30°	196.7
32.5°	171.4
35°	146.0
37.5°	121.1
40°	97.8
42.5°	77.2
45°	59.2
47.5°	43.9
50°	30.7
52.5°	21.7
55°	18.0
57.5°	16.4
60°	14.8
62.5°	13.2
65°	11.6
67.5°	10.0
70°	8.5
72.5°	6.9
75°	5.8
77.5°	4.8
80°	3.7
82.5°	2.6
85°	1.6
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)