

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: P1292613

Luminaire Tested: P3A09R30W2N902750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292613
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: P3A09R30W2N902750DE010 E3DLD1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

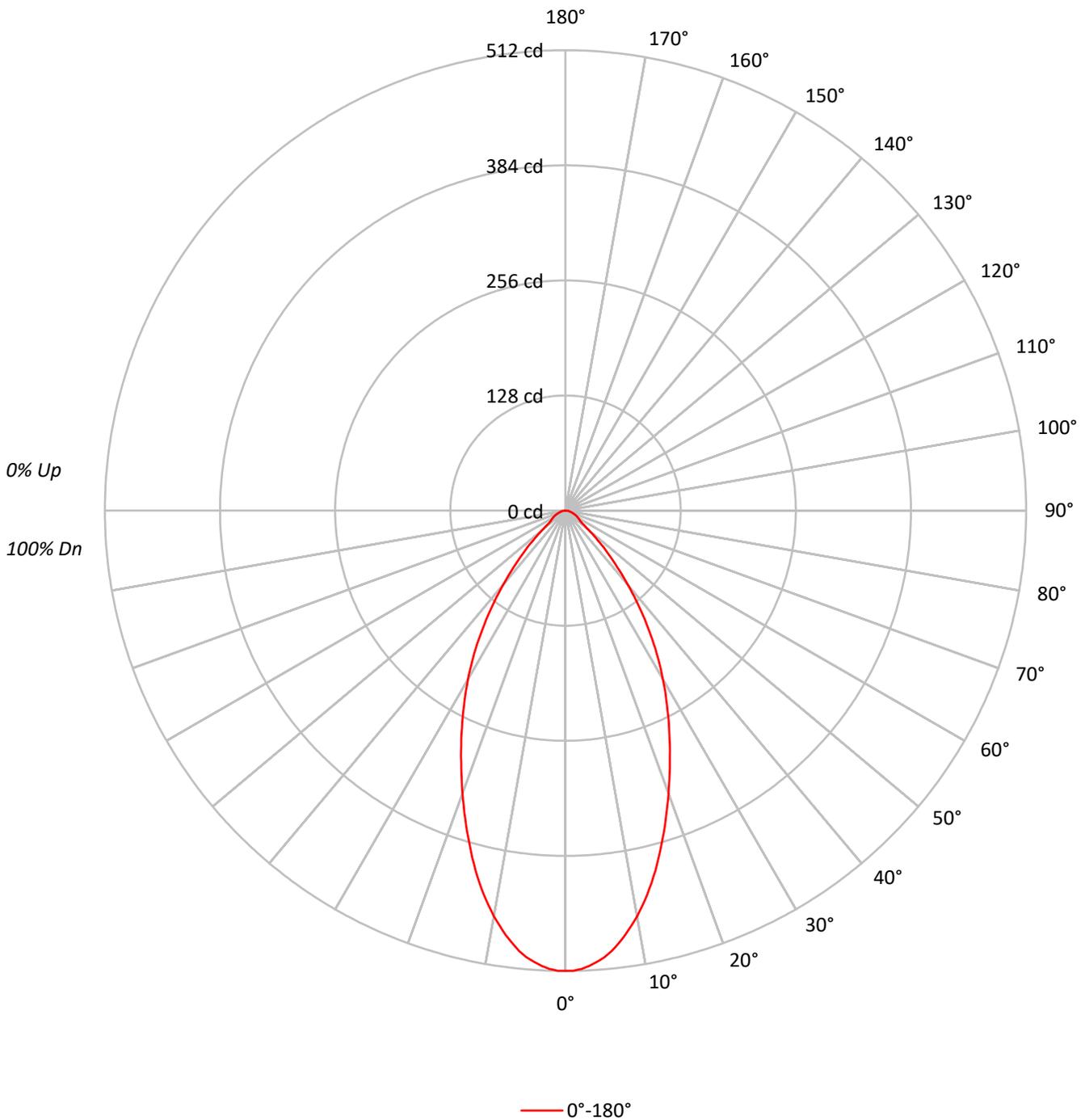
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 475.0 lumens
Efficiency: N/A
Efficacy: 52.8 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: P1292613
CATALOG NUMBER: P3A09R30W2N902750DE010 E3DLD1WMH_3000K

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	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°	112228
5°	109707
10°	102002
15°	90784
20°	78080
25°	66149
30°	54895
35°	43072
40°	30858
45°	20250
50°	11531
55°	7570
60°	7149
65°	6641
70°	5963
75°	5422
80°	5177
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20250 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	9.7
10°-20°	111.2	23.4
20°-30°	125.3	26.4
30°-40°	100.0	21.1
40°-50°	51.4	10.8
50°-60°	19.3	4.1
60°-70°	12.7	2.7
70°-80°	6.8	1.4
80°-90°	2.0	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°	282.7	59.5
0°-40°	382.7	80.6
0°-60°	453.5	95.5
0°-90°	475.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	475.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	498	46
15°	400	111
25°	273	125
35°	161	100
45°	65	51
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	511.8
1°	511.8
2°	510.0
3°	507.1
4°	503.0
5°	498.4
6°	492.5
7°	484.9
8°	476.8
9°	467.5
10°	458.1
11°	447.6
12°	436.6
13°	424.9
14°	412.7
15°	399.9
17.5°	367.2
20°	334.6
22.5°	303.1
25°	273.4
27.5°	244.2
30°	216.8
32.5°	188.9
35°	160.9
37.5°	133.5
40°	107.8
42.5°	85.1
45°	65.3
47.5°	48.4
50°	33.8
52.5°	23.9
55°	19.8
57.5°	18.1
60°	16.3
62.5°	14.6
65°	12.8
67.5°	11.1
70°	9.3
72.5°	7.6
75°	6.4
77.5°	5.2
80°	4.1
82.5°	2.9
85°	1.7
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)