

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: P1291804

Luminaire Tested: P3A09R15W2N902765DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291804
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R15W2N902765DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

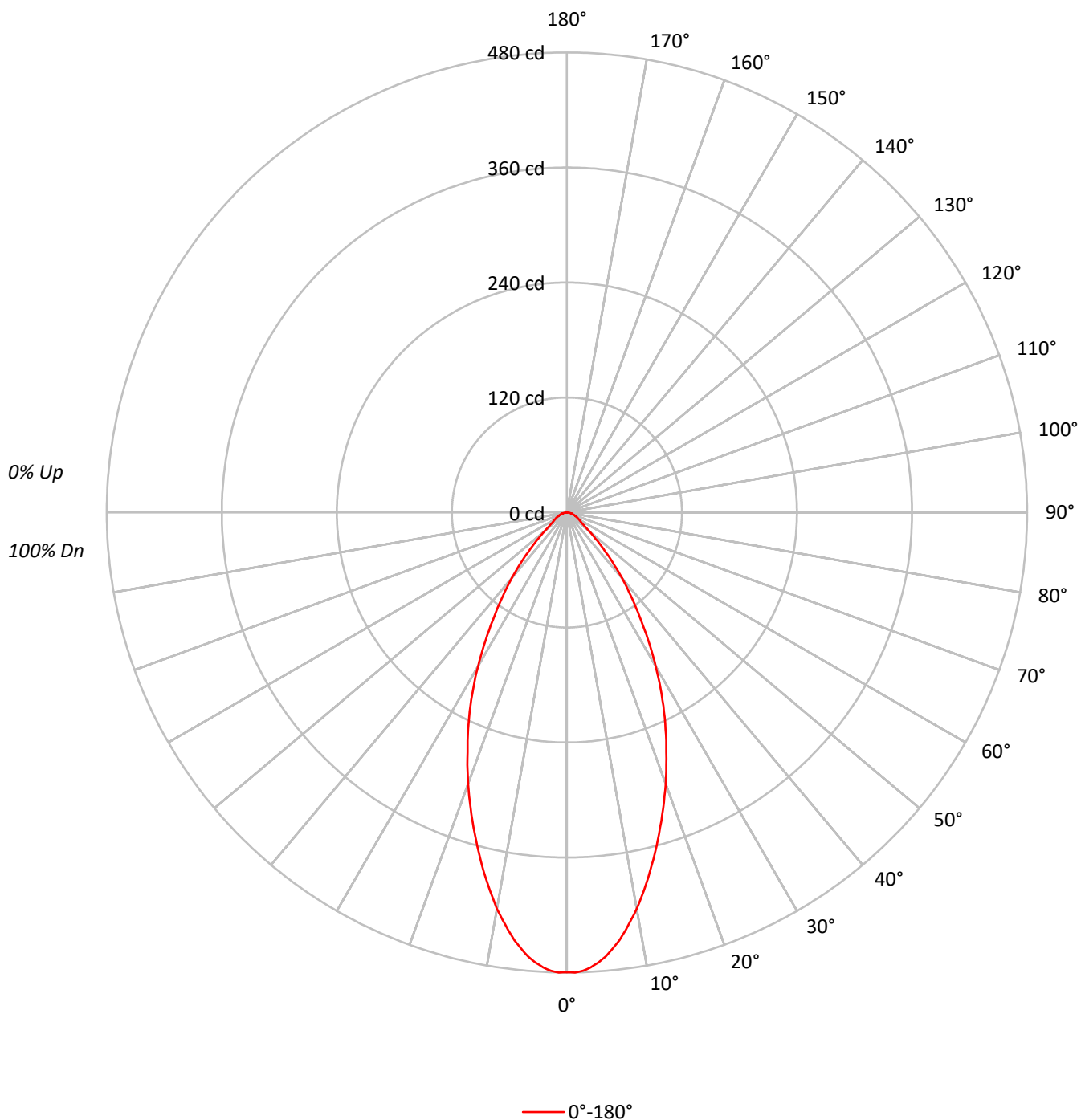
Lumens per Lamp: N/A
Luminaire Lumens: 417.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90	87	85		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84	81	78		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78	75	72		70
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74	69	66		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69	65	61		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58	53	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55	50	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	105189
5°	102333
10°	93519
15°	81907
20°	70263
25°	58673
30°	46944
35°	35202
40°	25562
45°	16715
50°	10439
55°	7073
60°	6271
65°	5759
70°	5450
75°	4914
80°	4672
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16715 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	10.3
10°-20°	100.5	24.1
20°-30°	110.8	26.6
30°-40°	82.9	19.9
40°-50°	43.0	10.3
50°-60°	17.8	4.3
60°-70°	11.1	2.7
70°-80°	6.2	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°	254.2	61.0
0°-40°	337.2	80.8
0°-60°	398.0	95.4
0°-90°	417.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	417.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	480	
5°	465	43
15°	361	101
25°	242	111
35°	132	83
45°	54	43
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	479.7
1°	480.2
2°	478.6
3°	475.4
4°	470.7
5°	464.9
6°	457.5
7°	449.6
8°	440.1
9°	430.0
10°	420.0
12.5°	390.9
15°	360.8
17.5°	330.7
20°	301.1
22.5°	271.0
25°	242.5
27.5°	214.0
30°	185.4
32.5°	157.4
35°	131.5
37.5°	109.4
40°	89.3
42.5°	70.8
45°	53.9
47.5°	40.7
50°	30.6
52.5°	22.7
55°	18.5
57.5°	16.4
60°	14.3
62.5°	12.7
65°	11.1
67.5°	9.5
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
90°	0.0

(END OF REPORT)