

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: P1291663

Luminaire Tested: P3A09R15W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R15W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

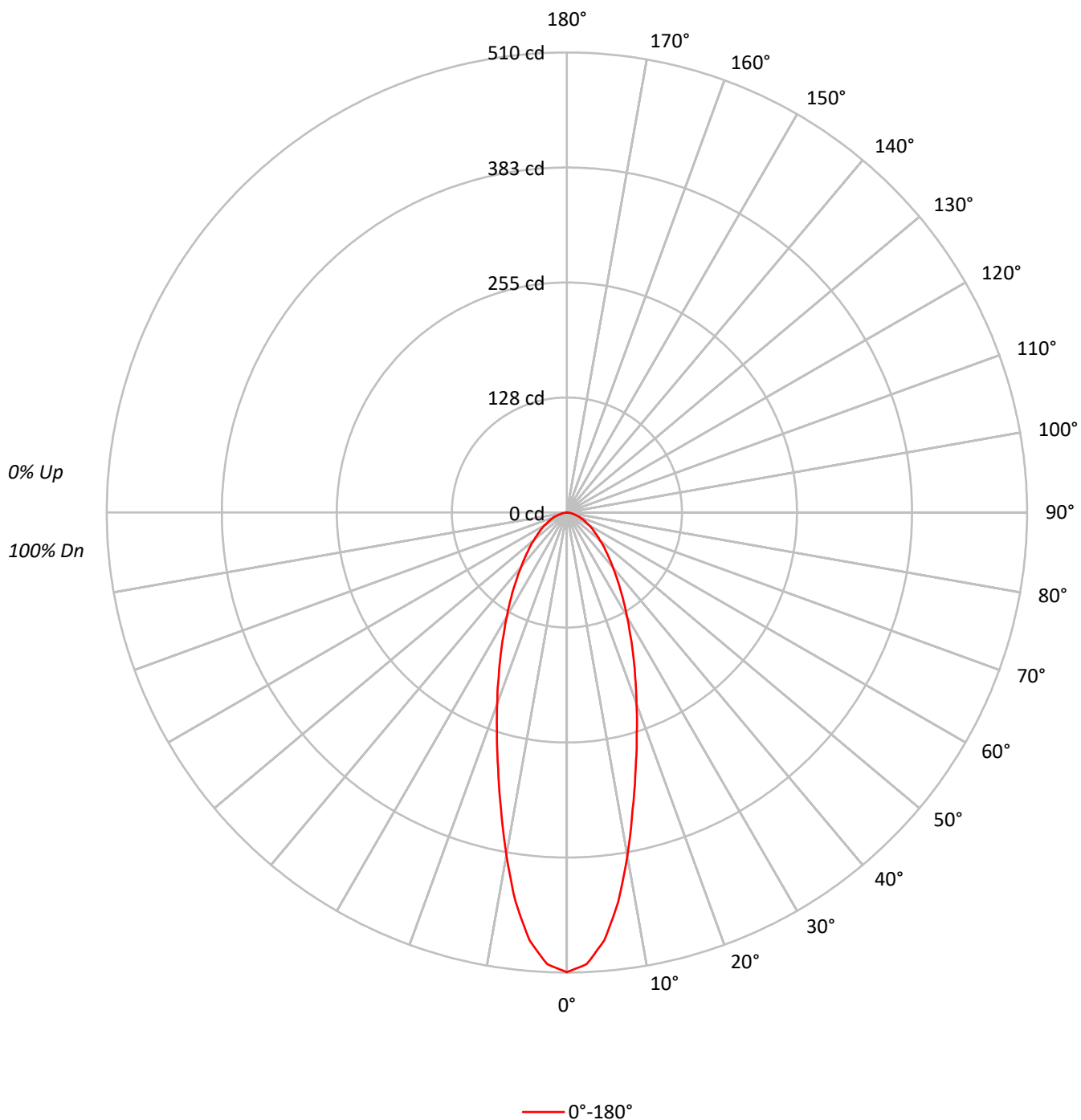
Lumens per Lamp: N/A
Luminaire Lumens: 384.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87	85	82	80
3	98	90	83	79	96	88	83	78	85	81	77		83	79	75		81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70	65	62	60
6	81	70	63	58	79	70	63	58	68	62	58		67	61	57		65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	69	58	51	46	68	57	51	46	56	50	46		55	50	46		54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111745
5°	104754
10°	85904
15°	66743
20°	52668
25°	41978
30°	33701
35°	27519
40°	22671
45°	19072
50°	16375
55°	14183
60°	12543
65°	10948
70°	9745
75°	7879
80°	6440
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	11.1
10°-20°	82.3	21.4
20°-30°	80.0	20.8
30°-40°	64.7	16.8
40°-50°	48.0	12.5
50°-60°	33.6	8.7
60°-70°	21.0	5.5
70°-80°	10.0	2.6
80°-90°	1.8	0.5
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°	204.9	53.3
0°-40°	269.6	70.2
0°-60°	351.2	91.4
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	510	
5°	476	43
15°	294	82
25°	174	80
35°	103	65
45°	62	48
55°	37	34
65°	21	21
75°	9	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	509.6
2.5°	501.2
5°	475.9
7.5°	435.5
10°	385.8
12.5°	336.9
15°	294.0
17.5°	257.7
20°	225.7
22.5°	197.9
25°	173.5
27.5°	151.6
30°	133.1
32.5°	117.1
35°	102.8
37.5°	90.1
40°	79.2
42.5°	69.9
45°	61.5
47.5°	54.8
50°	48.0
52.5°	42.1
55°	37.1
57.5°	32.9
60°	28.6
62.5°	24.4
65°	21.1
67.5°	17.7
70°	15.2
72.5°	11.8
75°	9.3
77.5°	6.7
80°	5.1
82.5°	2.5
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)