

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: P1287868

Luminaire Tested: P3A05R15W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287868
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: P3A05R15W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

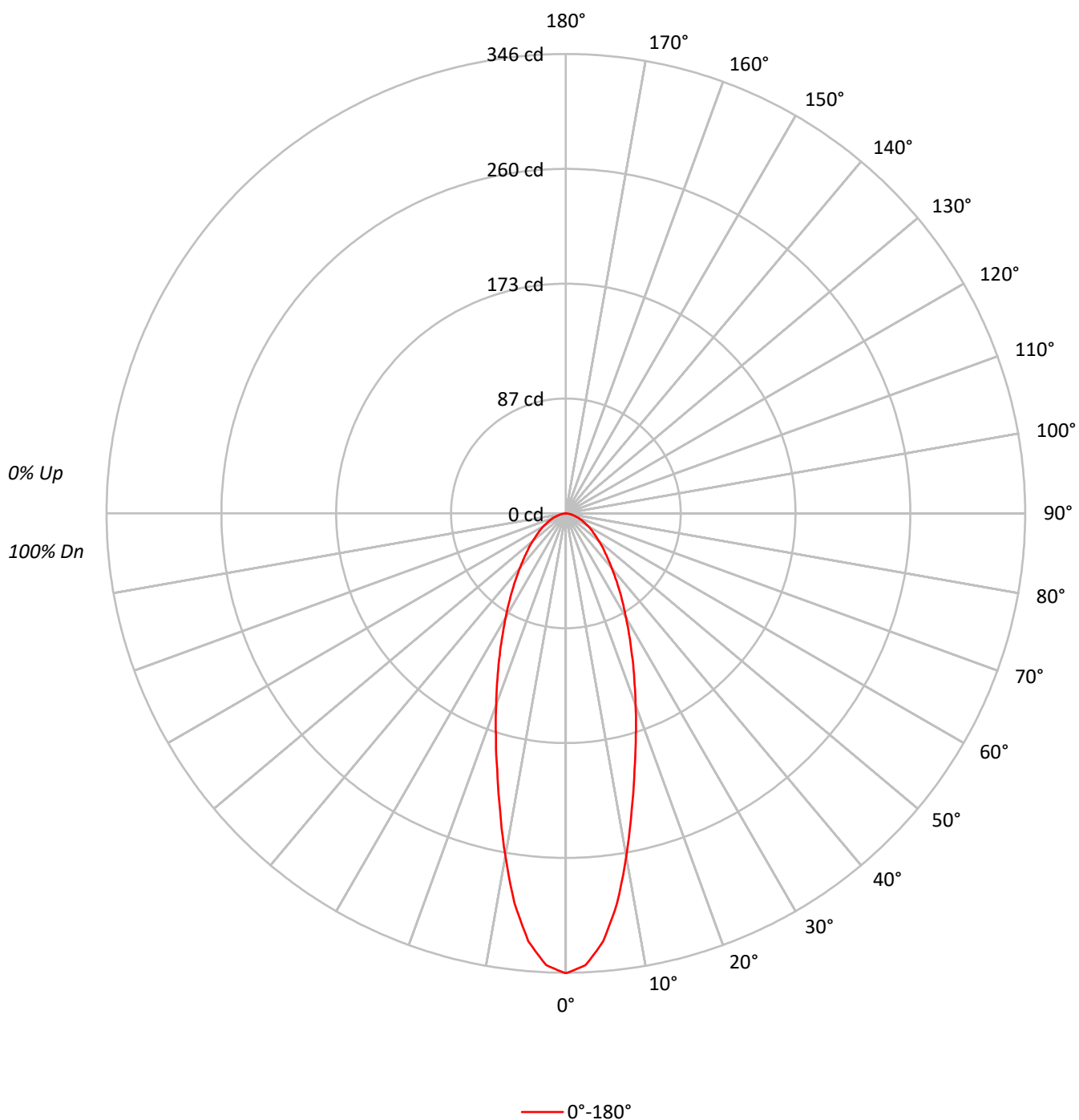
Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	92	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	82	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	74	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	62	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	57	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	53	53	51
8	72	62	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	49	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	46	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	43	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75959
5°	71208
10°	58382
15°	45358
20°	35796
25°	28526
30°	22915
35°	18685
40°	15400
45°	12963
50°	11121
55°	9634
60°	8552
65°	7420
70°	6604
75°	5338
80°	4293
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12963 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	11.1
10°-20°	56.0	21.4
20°-30°	54.4	20.8
30°-40°	44.0	16.9
40°-50°	32.6	12.5
50°-60°	22.8	8.7
60°-70°	14.3	5.5
70°-80°	6.8	2.6
80°-90°	1.2	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°	139.3	53.4
0°-40°	183.2	70.2
0°-60°	238.7	91.5
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	324	29
15°	200	56
25°	118	54
35°	70	44
45°	42	33
55°	25	23
65°	14	14
75°	6	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	346.4
2.5°	340.6
5°	323.5
7.5°	296.0
10°	262.2
12.5°	229.0
15°	199.8
17.5°	175.2
20°	153.4
22.5°	134.5
25°	117.9
27.5°	103.1
30°	90.5
32.5°	79.6
35°	69.8
37.5°	61.3
40°	53.8
42.5°	47.5
45°	41.8
47.5°	37.2
50°	32.6
52.5°	28.6
55°	25.2
57.5°	22.3
60°	19.5
62.5°	16.6
65°	14.3
67.5°	12.0
70°	10.3
72.5°	8.0
75°	6.3
77.5°	4.6
80°	3.4
82.5°	1.7
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)