

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: P1299253

Luminaire Tested: P3A17R15W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299253
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: P3A17R15W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

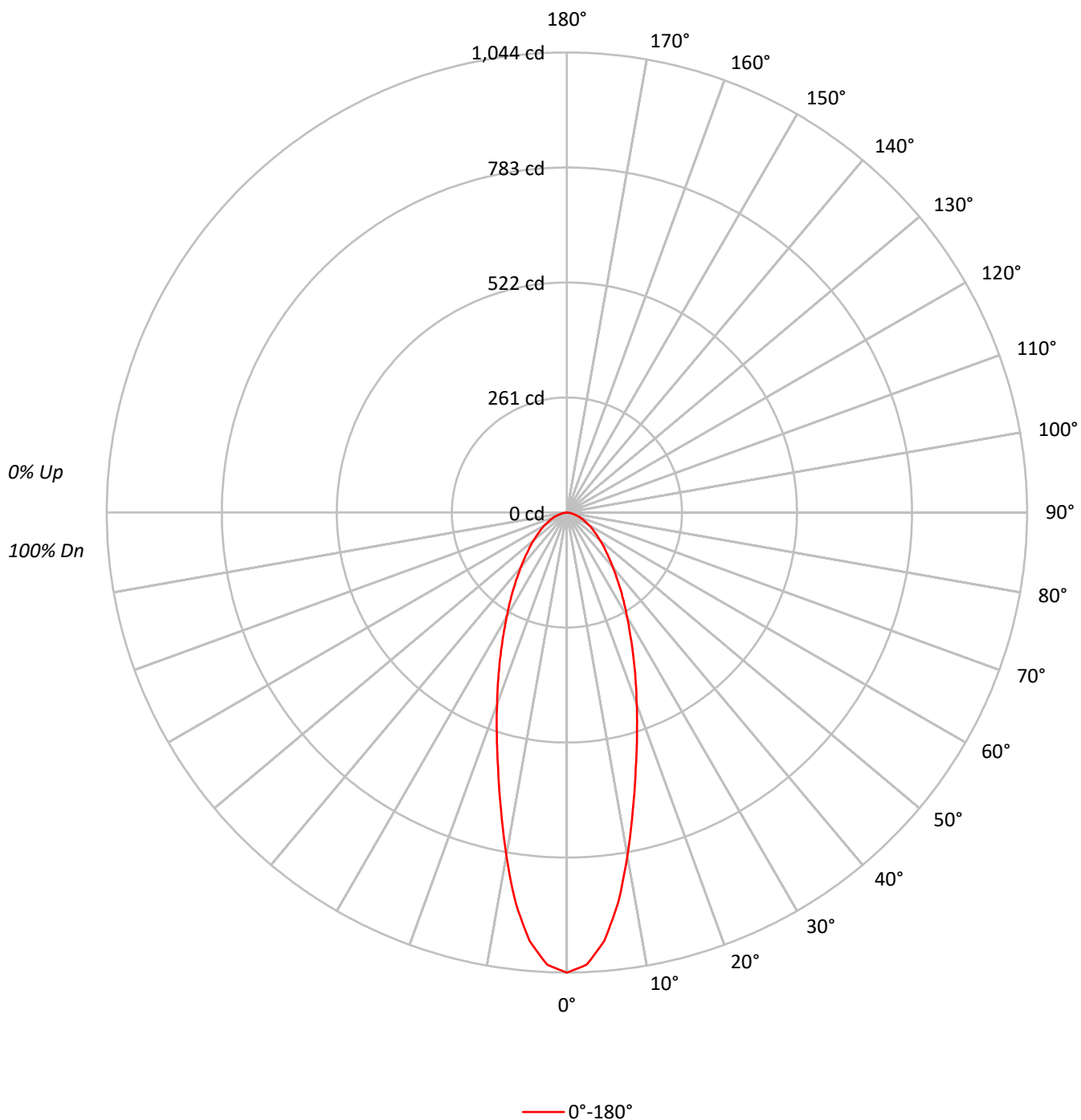
Lumens per Lamp: N/A
Luminaire Lumens: 787.1 lumens
Efficiency: N/A
Efficacy: 40.6 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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	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°	229017
5°	214703
10°	176038
15°	136777
20°	107949
25°	86037
30°	69074
35°	56376
40°	46458
45°	39074
50°	33568
55°	29055
60°	25744
65°	22415
70°	19939
75°	16097
80°	13133
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39074 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.1	11.1
10°-20°	168.8	21.4
20°-30°	164.0	20.8
30°-40°	132.6	16.8
40°-50°	98.4	12.5
50°-60°	68.8	8.7
60°-70°	43.1	5.5
70°-80°	20.5	2.6
80°-90°	3.8	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°	419.9	53.3
0°-40°	552.5	70.2
0°-60°	719.7	91.4
0°-90°	787.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1044	
5°	975	87
15°	602	169
25°	356	164
35°	211	133
45°	126	98
55°	76	69
65°	43	43
75°	19	20
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1044.4
2.5°	1027.2
5°	975.4
7.5°	892.5
10°	790.6
12.5°	690.5
15°	602.5
17.5°	528.2
20°	462.6
22.5°	405.7
25°	355.6
27.5°	310.7
30°	272.8
32.5°	240.0
35°	210.6
37.5°	184.7
40°	162.3
42.5°	143.3
45°	126.0
47.5°	112.2
50°	98.4
52.5°	86.3
55°	76.0
57.5°	67.3
60°	58.7
62.5°	50.1
65°	43.2
67.5°	36.3
70°	31.1
72.5°	24.2
75°	19.0
77.5°	13.8
80°	10.4
82.5°	5.2
85°	3.5
87.5°	0.0
90°	0.0

(END OF REPORT)