

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: P1299202

Luminaire Tested: P3A17R15W2N902750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299202
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: P3A17R15W2N902750DE010 E3DLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

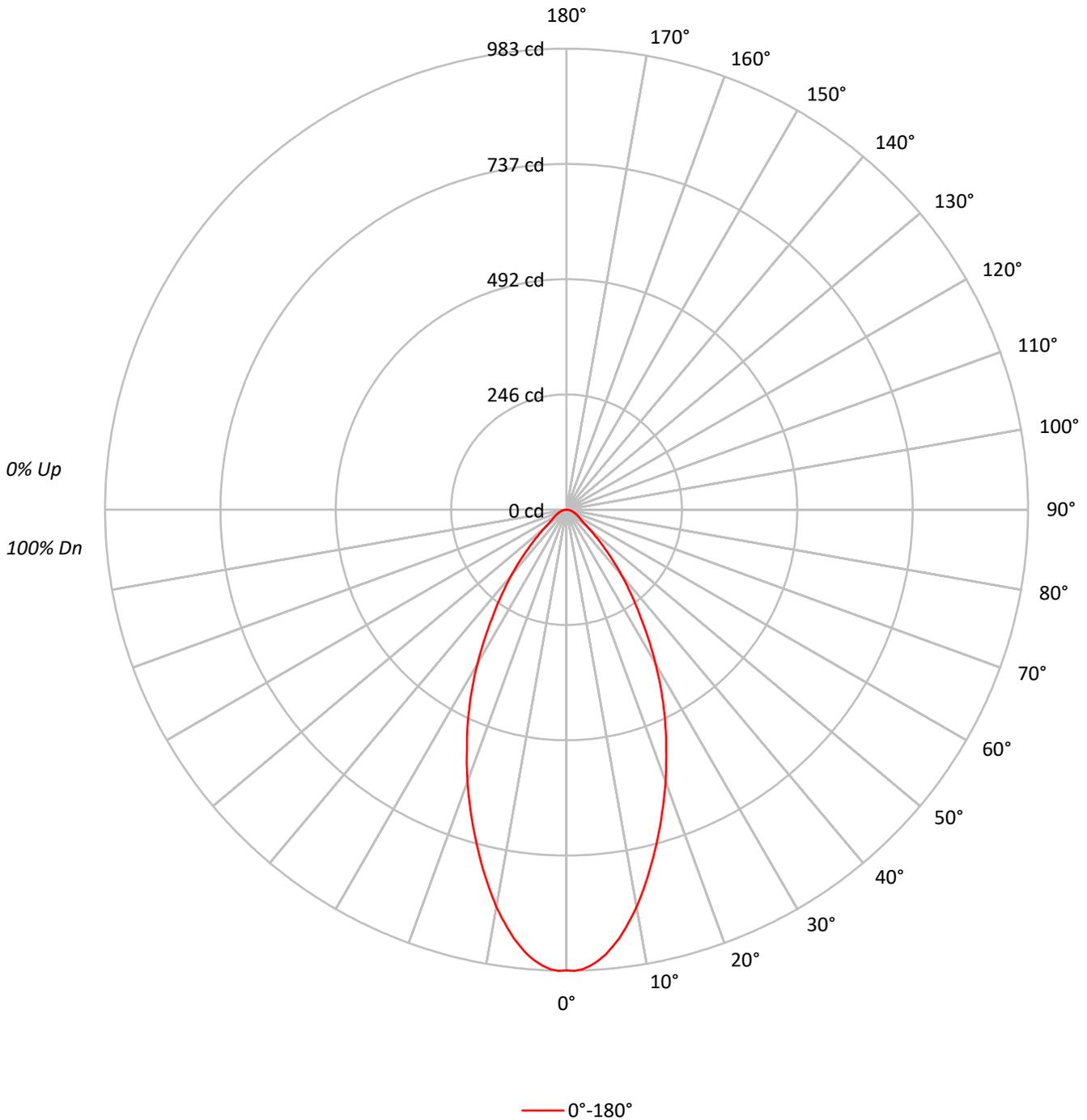
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 854.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
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			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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	215399
5°	209575
10°	191513
15°	167742
20°	143909
25°	120152
30°	96141
35°	72116
40°	52327
45°	34236
50°	21389
55°	14489
60°	12806
65°	11778
70°	11092
75°	10082
80°	9597
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34236 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	10.3
10°-20°	205.9	24.1
20°-30°	226.9	26.6
30°-40°	169.9	19.9
40°-50°	88.1	10.3
50°-60°	36.5	4.3
60°-70°	22.6	2.6
70°-80°	12.7	1.5
80°-90°	3.7	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°	520.6	61.0
0°-40°	690.5	80.9
0°-60°	815.0	95.4
0°-90°	854.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	854.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	982	
5°	952	88
15°	739	206
25°	497	227
35°	269	170
45°	110	88
55°	38	36
65°	23	23
75°	12	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	982.3
1°	983.4
2°	980.2
3°	973.7
4°	964.0
5°	952.1
6°	936.9
7°	920.7
8°	901.2
9°	880.7
10°	860.1
12.5°	800.6
15°	738.9
17.5°	677.3
20°	616.7
22.5°	555.0
25°	496.6
27.5°	438.2
30°	379.7
32.5°	322.4
35°	269.4
37.5°	223.9
40°	182.8
42.5°	145.0
45°	110.4
47.5°	83.3
50°	62.7
52.5°	46.5
55°	37.9
57.5°	33.5
60°	29.2
62.5°	26.0
65°	22.7
67.5°	19.5
70°	17.3
72.5°	14.1
75°	11.9
77.5°	9.7
80°	7.6
82.5°	5.4
85°	3.2
87.5°	1.1
90°	0.0

(END OF REPORT)