

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: P1300166

Luminaire Tested: P3A17R30W2N902750DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3DL1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

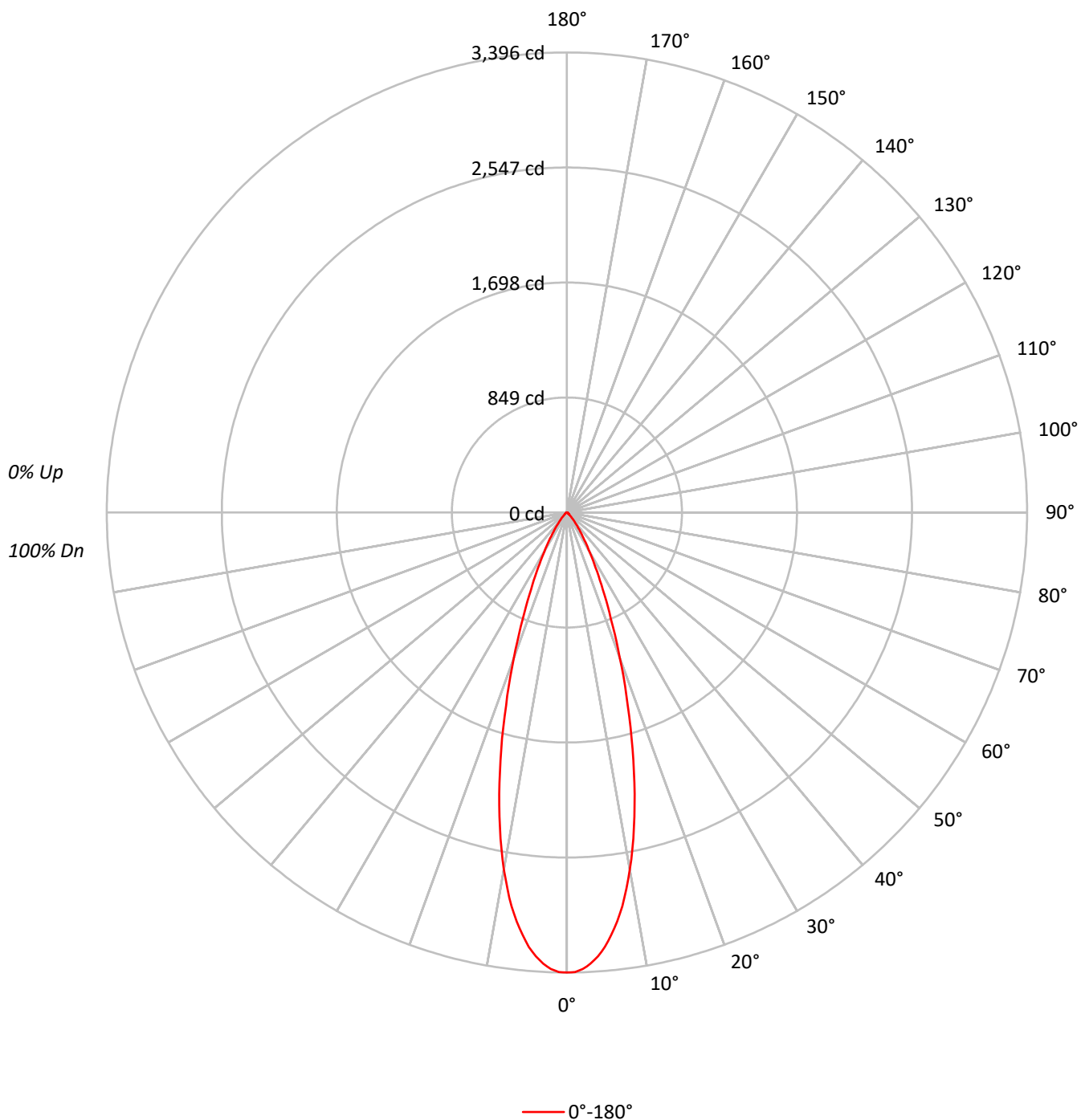
Lumens per Lamp: N/A
Luminaire Lumens: 1276.0 lumens
Efficiency: N/A
Efficacy: 65.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90			
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86			
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82			
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78			
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75			
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71			
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69			
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66			
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	744589
5°	708693
10°	596115
15°	429900
20°	266653
25°	151654
30°	84241
35°	45829
40°	24160
45°	13087
50°	6993
55°	4626
60°	4210
65°	4358
70°	3847
75°	3050
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Luminance: 13087 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	289.9	22.7
10°-20°	515.3	40.4
20°-30°	297.8	23.3
30°-40°	113.0	8.9
40°-50°	34.7	2.7
50°-60°	11.7	0.9
60°-70°	7.9	0.6
70°-80°	4.3	0.3
80°-90°	1.3	0.1
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°	1103.1	86.5
0°-40°	1216.1	95.3
0°-60°	1262.5	98.9
0°-90°	1276.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1276.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3396	
5°	3220	290
15°	1894	515
25°	627	298
35°	171	113
45°	42	35
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3395.6
1°	3393.2
2°	3372.7
3°	3334.1
4°	3285.9
5°	3219.6
6°	3135.2
7°	3041.2
8°	2936.3
9°	2811.0
10°	2677.2
11°	2532.5
12°	2379.4
13°	2219.1
14°	2056.4
15°	1893.7
17.5°	1493.5
20°	1142.7
22.5°	847.4
25°	626.8
27.5°	455.6
30°	332.7
32.5°	239.9
35°	171.2
37.5°	119.3
40°	84.4
42.5°	59.1
45°	42.2
47.5°	28.9
50°	20.5
52.5°	14.5
55°	12.1
57.5°	10.8
60°	9.6
62.5°	8.4
65°	8.4
67.5°	7.2
70°	6.0
72.5°	4.8
75°	3.6
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)