

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: P1300163

Luminaire Tested: P3A17R30W2N902750DE010 E3DL1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300163
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

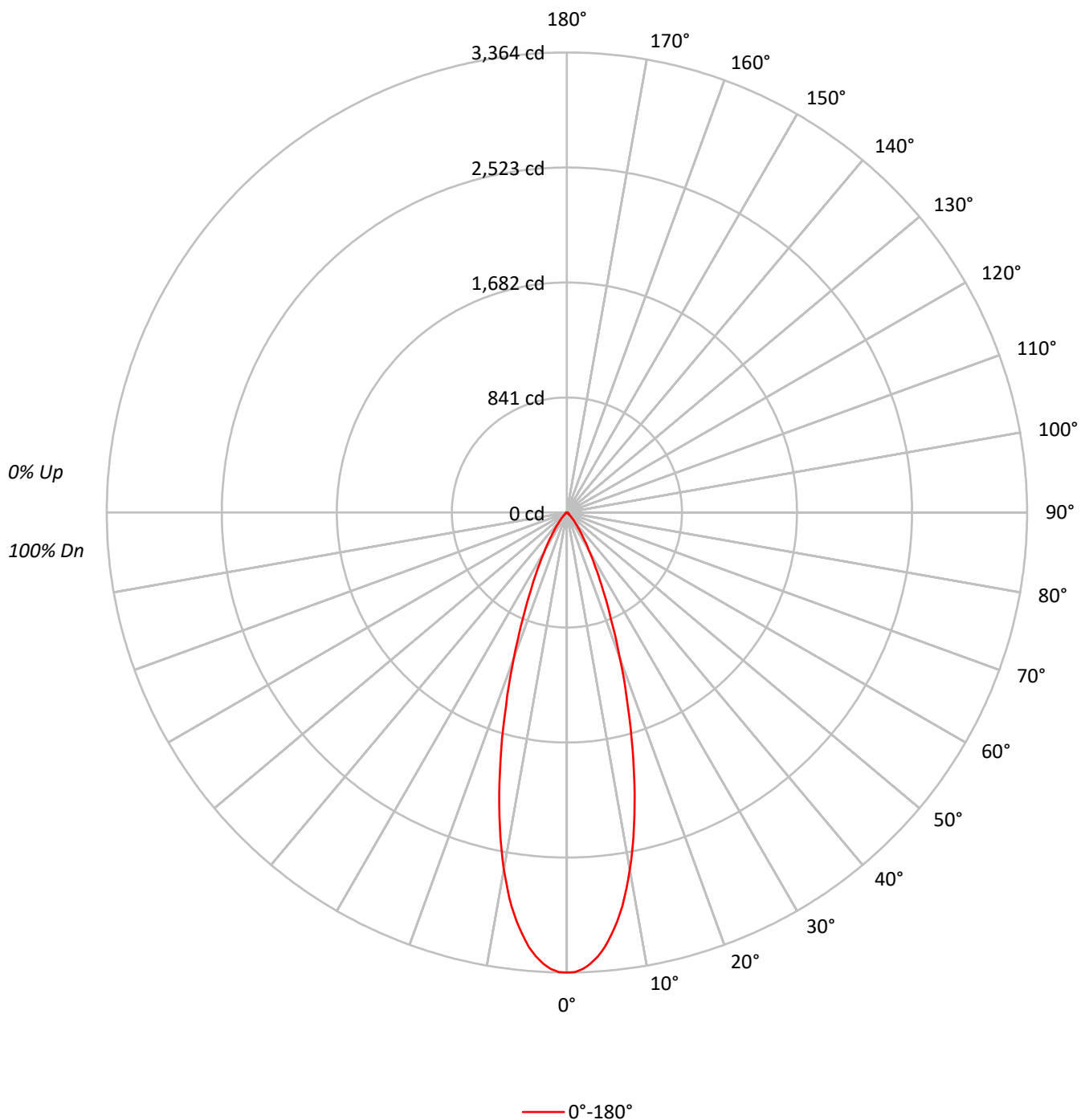
Lumens per Lamp: N/A
Luminaire Lumens: 1264.1 lumens
Efficiency: N/A
Efficacy: 65.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	737572
5°	702023
10°	590503
15°	425859
20°	264156
25°	150226
30°	83456
35°	45401
40°	23931
45°	12963
50°	6925
55°	4549
60°	4210
65°	4358
70°	3847
75°	3050
80°	3031
85°	3019

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°	287.2	22.7
10°-20°	510.5	40.4
20°-30°	295.0	23.3
30°-40°	112.0	8.9
40°-50°	34.4	2.7
50°-60°	11.5	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°	1092.7	86.4
0°-40°	1204.7	95.3
0°-60°	1250.6	98.9
0°-90°	1264.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1264.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3364	
5°	3189	287
15°	1876	510
25°	621	295
35°	170	112
45°	42	34
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3363.6
1°	3361.3
2°	3341.0
3°	3302.8
4°	3255.0
5°	3189.3
6°	3105.7
7°	3012.6
8°	2908.7
9°	2784.5
10°	2652.0
11°	2508.7
12°	2357.1
13°	2198.3
14°	2037.1
15°	1875.9
17.5°	1479.4
20°	1132.0
22.5°	839.4
25°	620.9
27.5°	451.4
30°	329.6
32.5°	237.6
35°	169.6
37.5°	118.2
40°	83.6
42.5°	58.5
45°	41.8
47.5°	28.7
50°	20.3
52.5°	14.3
55°	11.9
57.5°	10.7
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)