

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: P1299166

Luminaire Tested: P3A17R15W2N902750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

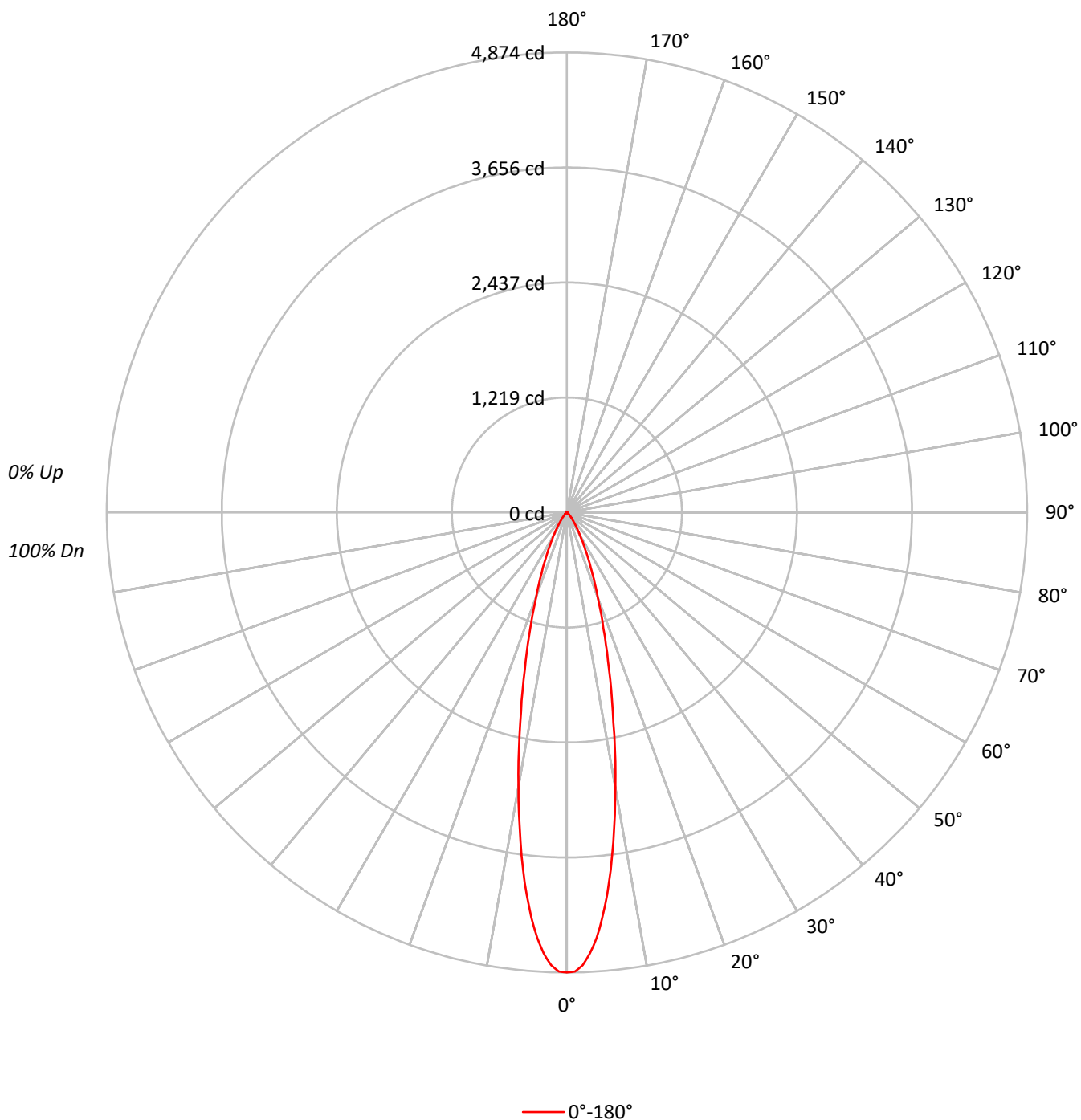
Lumens per Lamp: N/A
Luminaire Lumens: 1250.9 lumens
Efficiency: N/A
Efficacy: 64.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1068686
5°	948622
10°	658772
15°	389582
20°	221896
25°	126830
30°	70188
35°	37423
40°	20696
45°	11226
50°	6993
55°	5543
60°	4736
65°	4358
70°	3847
75°	4067
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.5	29.3
10°-20°	483.7	38.7
20°-30°	249.0	19.9
30°-40°	93.5	7.5
40°-50°	30.6	2.4
50°-60°	13.2	1.1
60°-70°	8.3	0.7
70°-80°	4.9	0.4
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°	1099.1	87.9
0°-40°	1192.6	95.3
0°-60°	1236.4	98.8
0°-90°	1250.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1250.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4874	
5°	4310	366
15°	1716	484
25°	524	249
35°	140	93
45°	36	31
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4873.6
1°	4863.9
2°	4800.1
3°	4678.3
4°	4518.1
5°	4309.6
6°	4073.4
7°	3814.3
8°	3526.2
9°	3241.8
10°	2958.6
12.5°	2276.5
15°	1716.1
17.5°	1284.7
20°	950.9
22.5°	709.8
25°	524.2
27.5°	382.0
30°	277.2
32.5°	196.4
35°	139.8
37.5°	100.0
40°	72.3
42.5°	51.8
45°	36.2
47.5°	26.5
50°	20.5
52.5°	16.9
55°	14.5
57.5°	12.1
60°	10.8
62.5°	9.6
65°	8.4
67.5°	7.2
70°	6.0
72.5°	6.0
75°	4.8
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)