

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: P1287750

Luminaire Tested: P3A05R15W2N902750DE010 E3D1H_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287750
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3D1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

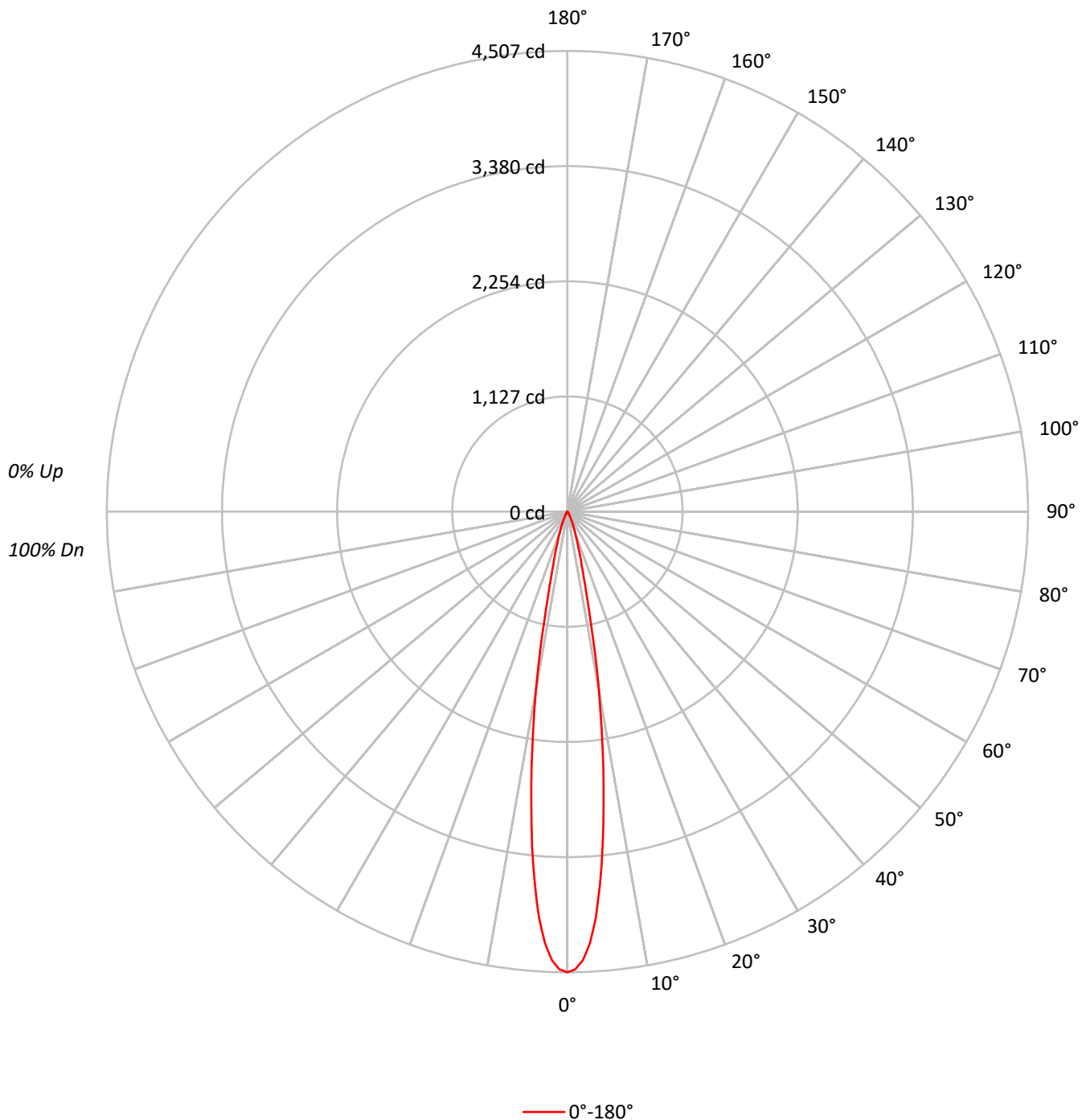
Lumens per Lamp: N/A
Luminaire Lumens: 519.0 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	116	114	112	111	113	112	110	109	108	107	105		104	103	102		101	100	99		98
2	112	109	107	105	110	108	105	103	105	103	101		102	100	99		99	98	97		96
3	110	106	102	100	108	104	102	99	102	100	98		100	98	96		98	96	95		94
4	107	102	99	96	105	101	98	96	99	97	95		98	96	94		96	94	93		92
5	105	100	96	94	103	99	96	93	97	94	92		96	93	92		94	93	91		90
6	102	97	94	91	101	96	93	91	95	92	90		94	92	90		93	91	89		88
7	100	95	91	89	99	94	91	89	93	90	88		92	90	88		91	89	88		87
8	98	93	89	87	97	92	89	87	91	89	87		91	88	86		90	88	86		85
9	96	91	88	85	96	91	87	85	90	87	85		89	87	85		88	86	85		84
10	95	89	86	84	94	89	86	84	88	85	83		88	85	83		87	85	83		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	988320
5°	805897
10°	394693
15°	120795
20°	51151
25°	23130
30°	9014
35°	4149
40°	1288
45°	496
50°	205
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 496 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.0	54.9
10°-20°	174.9	33.7
20°-30°	47.0	9.0
30°-40°	10.3	2.0
40°-50°	1.5	0.3
50°-60°	0.3	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	506.8	97.7
0°-40°	517.2	99.6
0°-60°	518.9	100.0
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4507	
5°	3661	285
15°	532	175
25°	96	47
35°	16	10
45°	2	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4507.1
1°	4478.9
2°	4388.6
3°	4225.8
4°	3980.8
5°	3661.2
6°	3299.7
7°	2897.1
8°	2527.1
9°	2134.9
10°	1772.6
11°	1414.0
12°	1087.9
13°	836.8
14°	662.4
15°	532.1
17.5°	329.8
20°	219.2
22.5°	147.6
25°	95.6
27.5°	56.7
30°	35.6
32.5°	24.0
35°	15.5
37.5°	8.7
40°	4.5
42.5°	2.6
45°	1.6
47.5°	1.0
50°	0.6
52.5°	0.4
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)