

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: P1291548

Luminaire Tested: P3A09R15W2N902750DE010 E3D1LI_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291548
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: P3A09R15W2N902750DE010 E3D1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

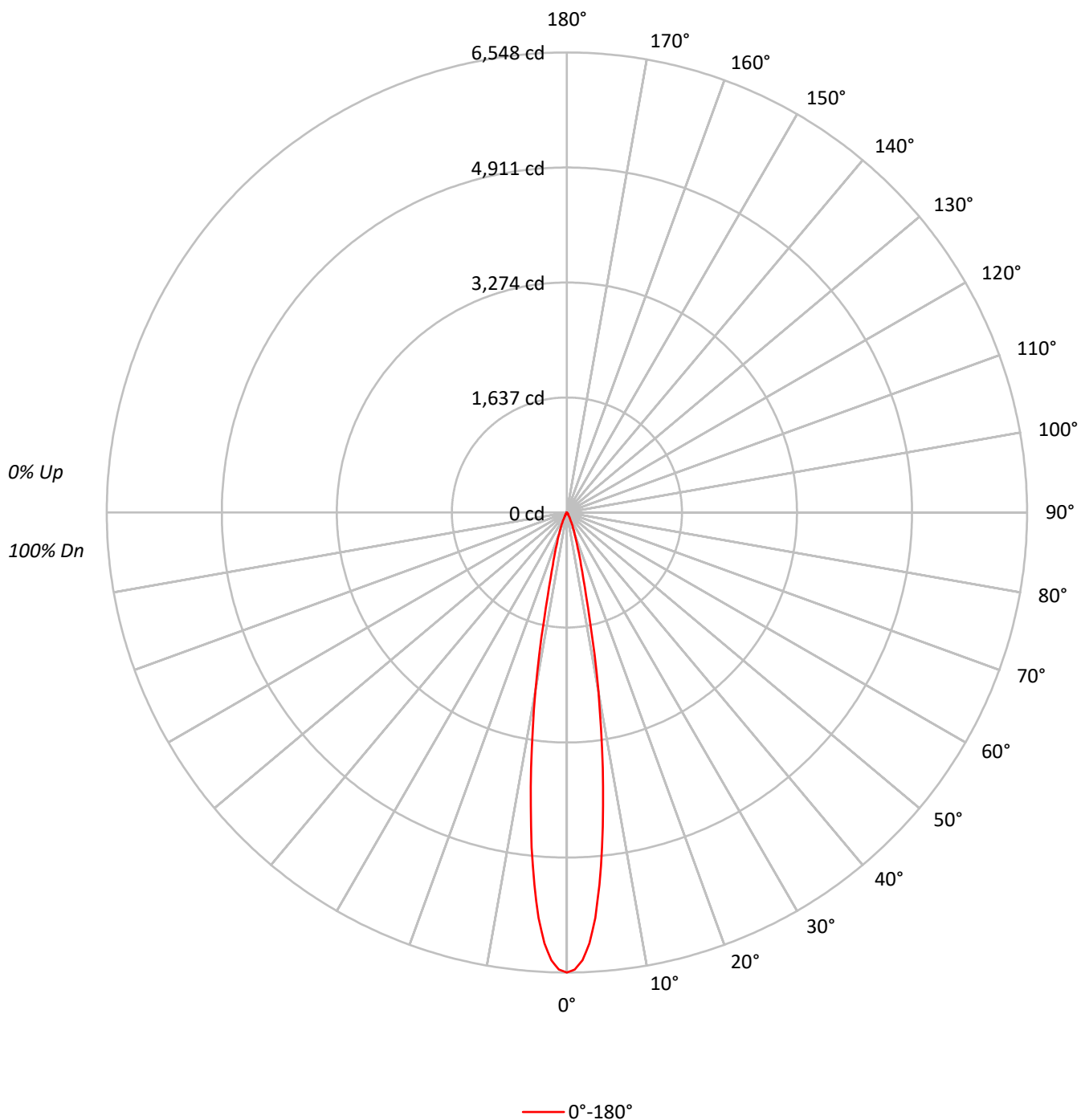
Lumens per Lamp: N/A
Luminaire Lumens: 754.0 lumens
Efficiency: N/A
Efficacy: 83.8 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98											98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96											96
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94											94
4	107	102	99	96	105	101	98	96	99	97	95	98	96	94	96	94	93	92											92
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91	90											90
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89	88											88
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88	87											87
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86	85											85
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	88	86	85	84											84
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83	82											82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1435806
5°	1170809
10°	573403
15°	175506
20°	74323
25°	33631
30°	13091
35°	6050
40°	1889
45°	713
50°	307
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 713 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	414.0	54.9
10°-20°	254.1	33.7
20°-30°	68.2	9.0
30°-40°	15.0	2.0
40°-50°	2.1	0.3
50°-60°	0.4	0.1
60°-70°	0.2	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°	736.3	97.6
0°-40°	751.3	99.6
0°-60°	753.8	100.0
0°-90°	754.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	754.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6548	
5°	5319	414
15°	773	254
25°	139	68
35°	23	15
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6547.8
1°	6506.9
2°	6375.7
3°	6139.3
4°	5783.3
5°	5319.0
6°	4793.8
7°	4208.8
8°	3671.3
9°	3101.5
10°	2575.2
11°	2054.2
12°	1580.5
13°	1215.7
14°	962.4
15°	773.1
17.5°	479.2
20°	318.5
22.5°	214.4
25°	139.0
27.5°	82.3
30°	51.7
32.5°	34.9
35°	22.6
37.5°	12.6
40°	6.6
42.5°	3.7
45°	2.3
47.5°	1.4
50°	0.9
52.5°	0.6
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
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)