

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: P1291576

Luminaire Tested: P3A09R15W2N902750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291576
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: P3A09R15W2N902750DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

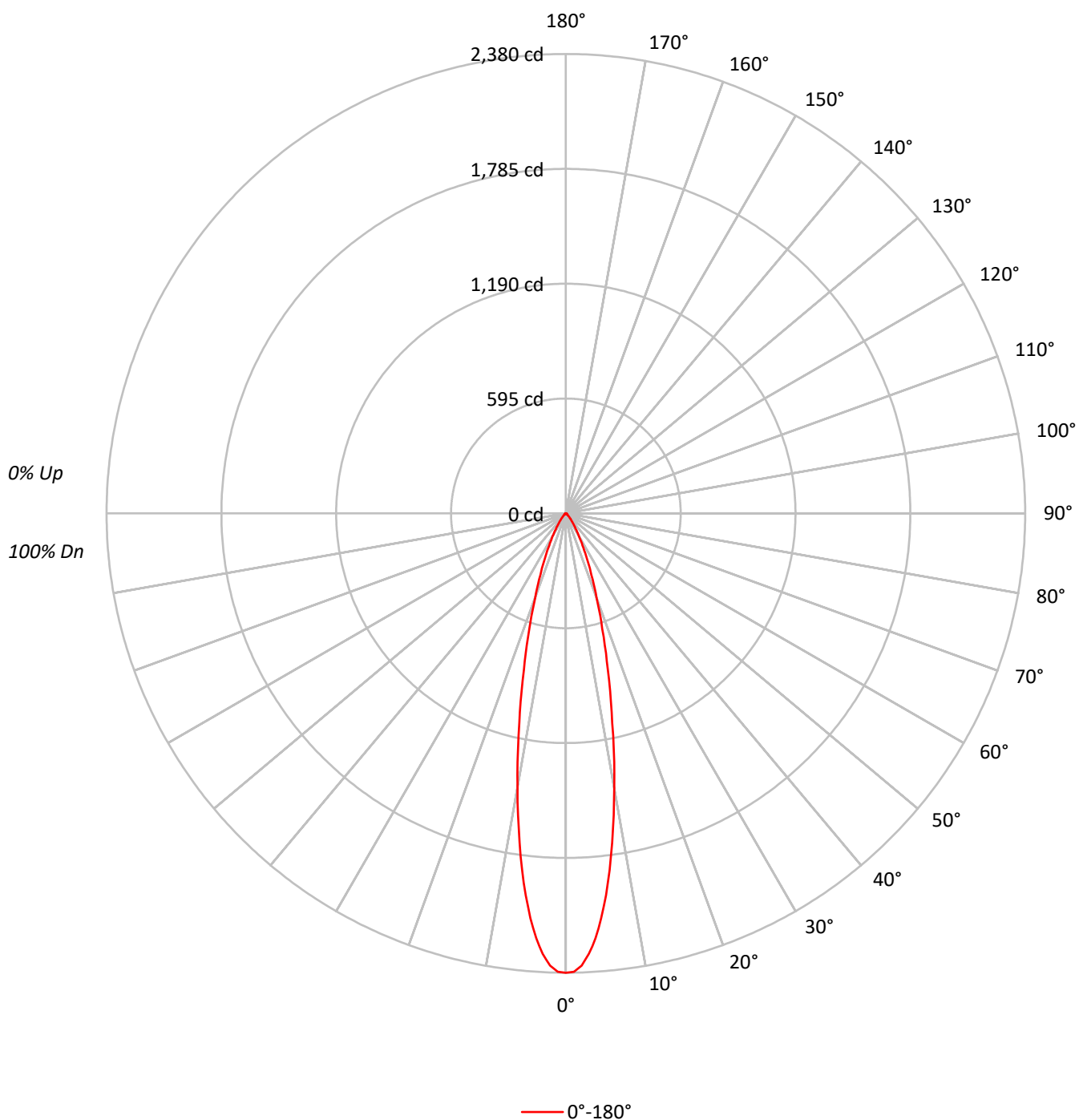
Lumens per Lamp: N/A
Luminaire Lumens: 611.0 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	521954
5°	463305
10°	321749
15°	190285
20°	108369
25°	61939
30°	34284
35°	18283
40°	10105
45°	5489
50°	3411
55°	2714
60°	2324
65°	2127
70°	1859
75°	2033
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5489 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.0	29.3
10°-20°	236.2	38.7
20°-30°	121.6	19.9
30°-40°	45.7	7.5
40°-50°	14.9	2.4
50°-60°	6.4	1.1
60°-70°	4.1	0.7
70°-80°	2.4	0.4
80°-90°	0.7	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°	536.8	87.9
0°-40°	582.5	95.3
0°-60°	603.9	98.8
0°-90°	611.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	611.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2380	
5°	2105	179
15°	838	236
25°	256	122
35°	68	46
45°	18	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2380.3
1°	2375.6
2°	2344.4
3°	2284.9
4°	2206.7
5°	2104.8
6°	1989.5
7°	1862.9
8°	1722.2
9°	1583.3
10°	1445.0
12.5°	1111.9
15°	838.2
17.5°	627.4
20°	464.4
22.5°	346.7
25°	256.0
27.5°	186.6
30°	135.4
32.5°	95.9
35°	68.3
37.5°	48.9
40°	35.3
42.5°	25.3
45°	17.7
47.5°	12.9
50°	10.0
52.5°	8.2
55°	7.1
57.5°	5.9
60°	5.3
62.5°	4.7
65°	4.1
67.5°	3.5
70°	2.9
72.5°	2.9
75°	2.4
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)