

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: P1292563

Luminaire Tested: P3A09R30W2N902750DE010 E3DL1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292563
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: P3A09R30W2N902750DE010 E3DL1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

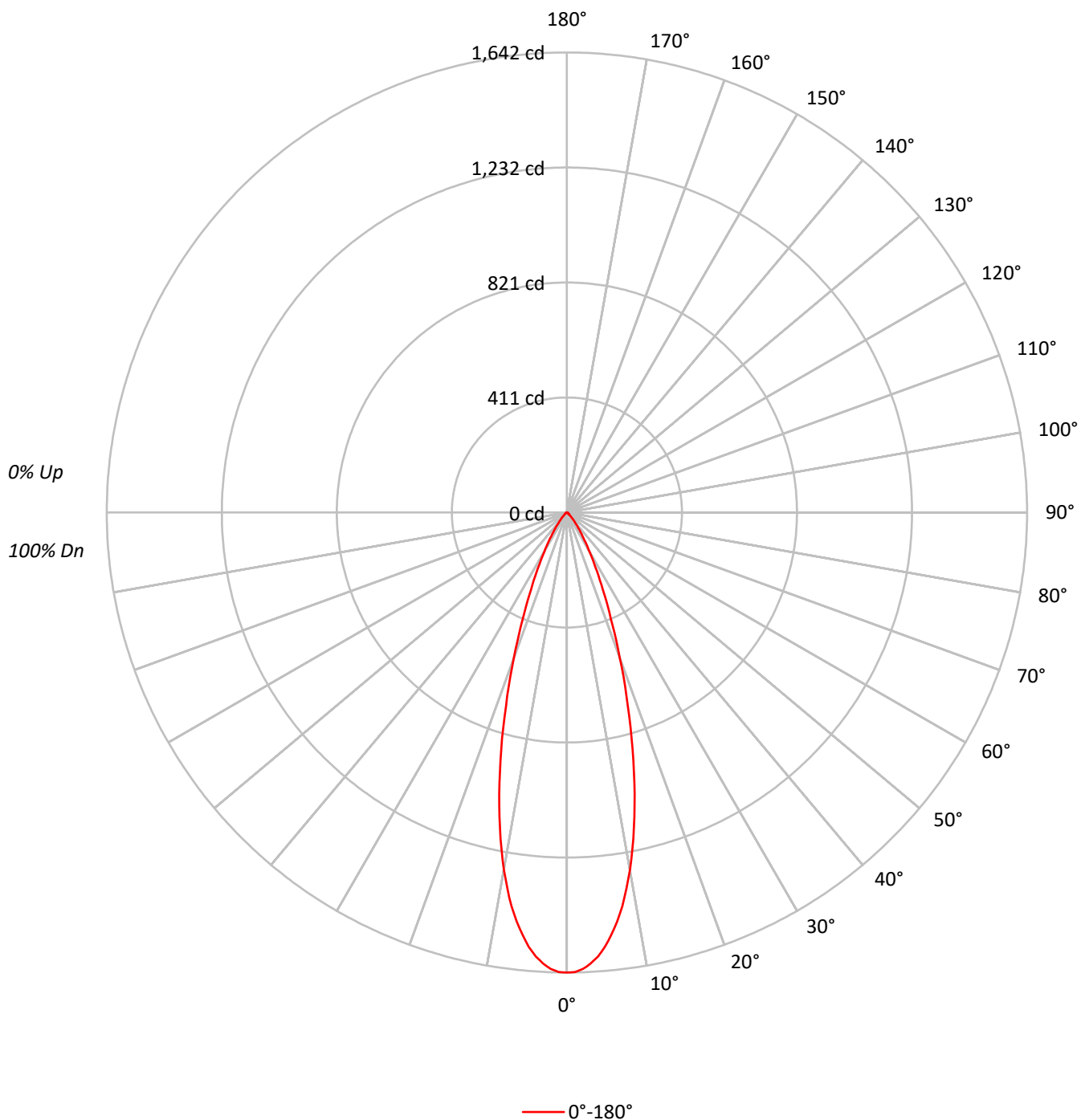
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 68.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79	75	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	360037
5°	342680
10°	288238
15°	207879
20°	128928
25°	73335
30°	40740
35°	22165
40°	11679
45°	6326
50°	3377
55°	2217
60°	2061
65°	2127
70°	1859
75°	1440
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6326 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.2	22.7
10°-20°	249.2	40.4
20°-30°	144.0	23.3
30°-40°	54.7	8.9
40°-50°	16.8	2.7
50°-60°	5.6	0.9
60°-70°	3.8	0.6
70°-80°	2.0	0.3
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°	533.4	86.4
0°-40°	588.0	95.3
0°-60°	610.5	98.9
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1642	
5°	1557	140
15°	916	249
25°	303	144
35°	83	55
45°	20	17
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1641.9
1°	1640.7
2°	1630.8
3°	1612.2
4°	1588.9
5°	1556.8
6°	1516.0
7°	1470.5
8°	1419.8
9°	1359.2
10°	1294.5
11°	1224.6
12°	1150.6
13°	1073.0
14°	994.4
15°	915.7
17.5°	722.2
20°	552.5
22.5°	409.7
25°	303.1
27.5°	220.3
30°	160.9
32.5°	116.0
35°	82.8
37.5°	57.7
40°	40.8
42.5°	28.6
45°	20.4
47.5°	14.0
50°	9.9
52.5°	7.0
55°	5.8
57.5°	5.2
60°	4.7
62.5°	4.1
65°	4.1
67.5°	3.5
70°	2.9
72.5°	2.3
75°	1.7
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)