

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: P1292581

Luminaire Tested: P3A09R30W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292581
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3DL1WH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

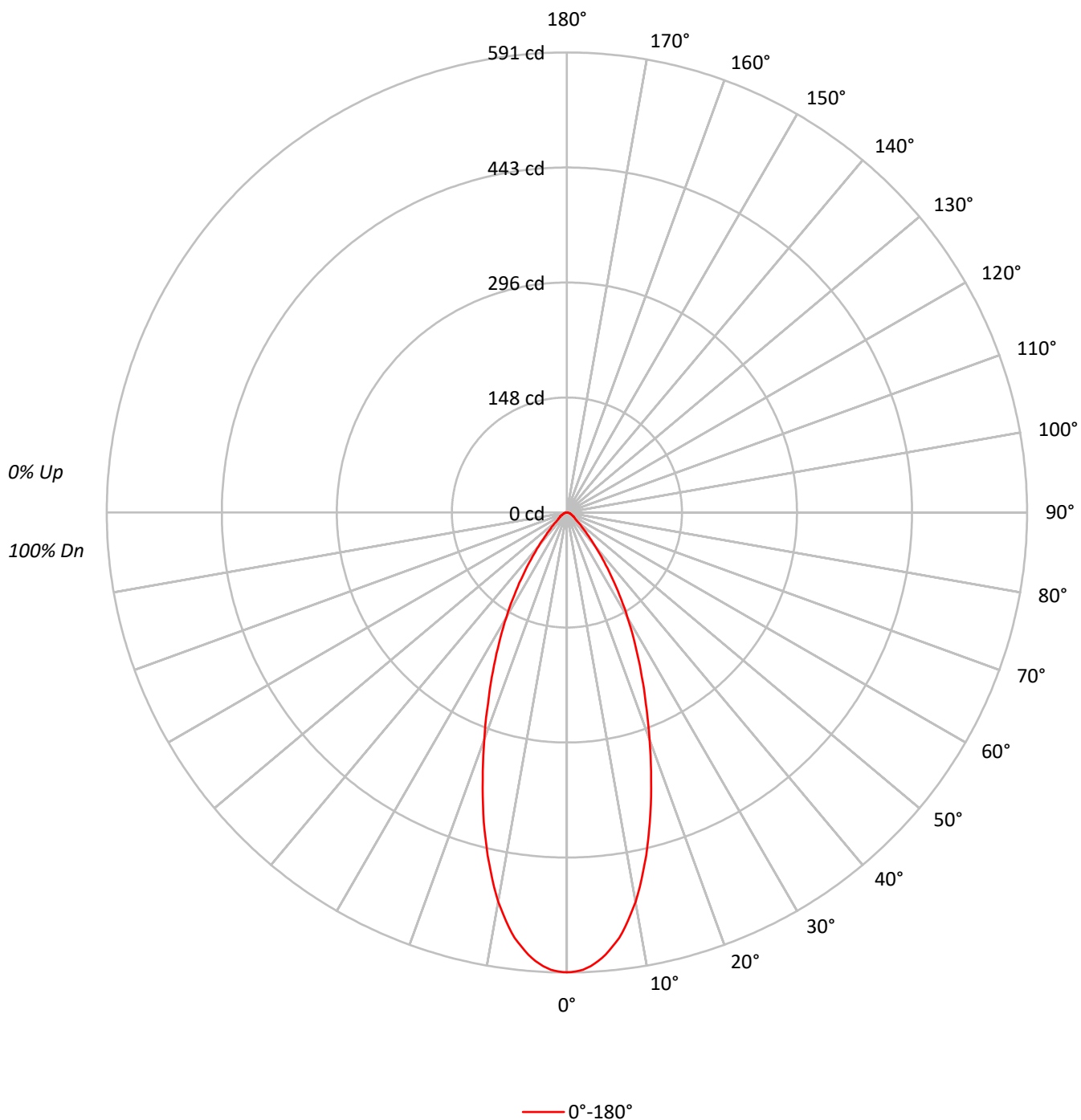
Lumens per Lamp: N/A
Luminaire Lumens: 379.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	129507
5°	125489
10°	113068
15°	93531
20°	72410
25°	54318
30°	39424
35°	26261
40°	16145
45°	9489
50°	5799
55°	4702
60°	4122
65°	3373
70°	3013
75°	2965
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9489 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	13.8
10°-20°	113.5	29.9
20°-30°	103.2	27.2
30°-40°	62.4	16.5
40°-50°	25.0	6.6
50°-60°	11.1	2.9
60°-70°	6.7	1.8
70°-80°	3.6	1.0
80°-90°	1.1	0.3
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°	269.1	71.0
0°-40°	331.5	87.5
0°-60°	367.6	97.0
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	591	
5°	570	52
15°	412	113
25°	224	103
35°	98	62
45°	31	25
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	590.6
1°	590.0
2°	587.7
3°	583.6
4°	577.7
5°	570.1
6°	560.6
7°	550.7
8°	537.7
9°	523.0
10°	507.8
11°	490.1
12°	471.3
13°	452.5
14°	431.9
15°	412.0
17.5°	359.7
20°	310.3
22.5°	264.5
25°	224.5
27.5°	188.1
30°	155.7
32.5°	125.8
35°	98.1
37.5°	75.2
40°	56.4
42.5°	41.1
45°	30.6
47.5°	22.9
50°	17.0
52.5°	13.5
55°	12.3
57.5°	10.6
60°	9.4
62.5°	7.6
65°	6.5
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)