

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: P1292579

Luminaire Tested: P3A09R30W2N902750DE010 E3DL1WH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292579
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

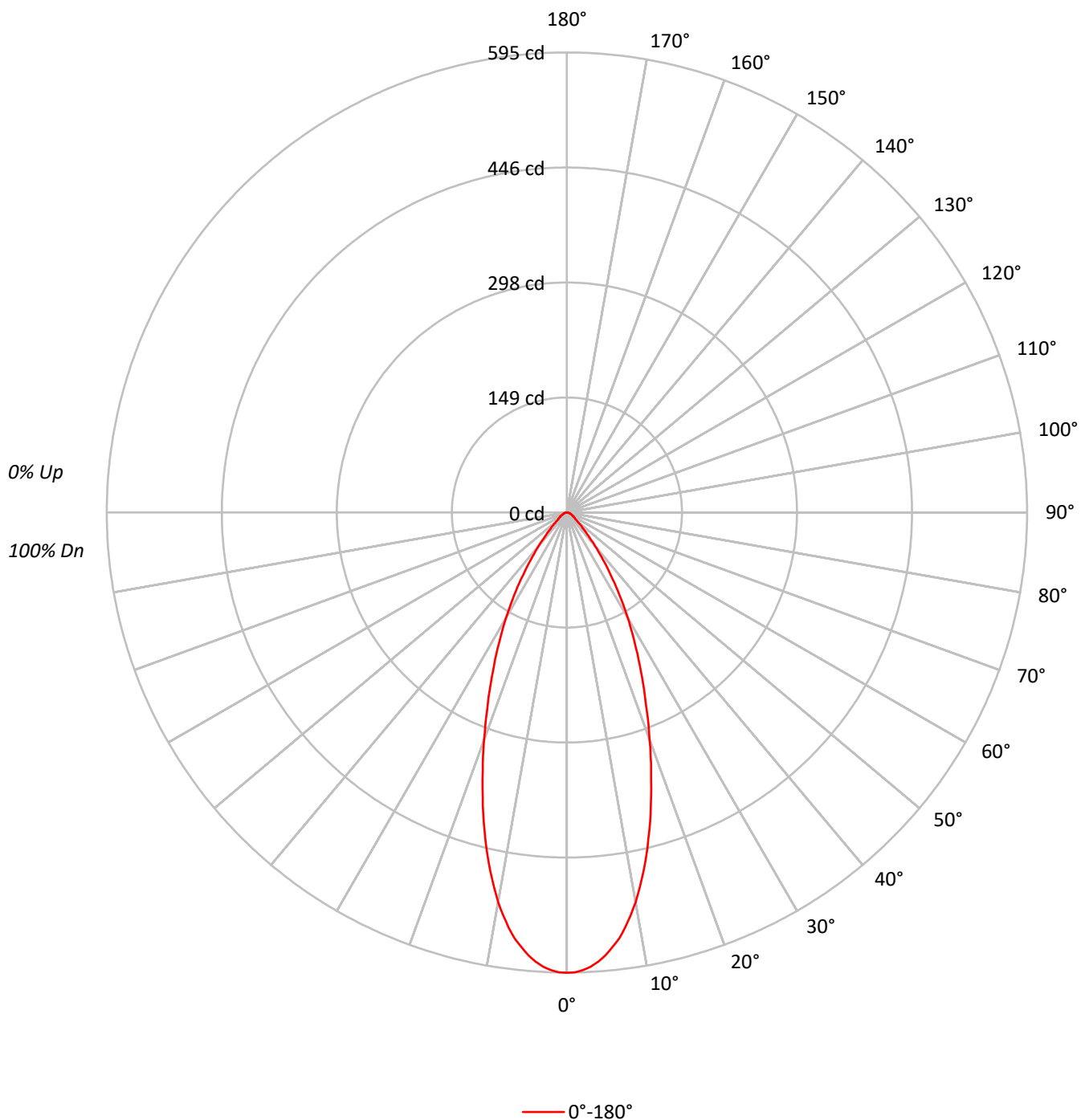
Lumens per Lamp: N/A
Luminaire Lumens: 382.0 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88		86
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87	84	82		80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76		74
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78	74	71		70
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74	70	67		65
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70	66	63		61
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59		58
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63	59	56		55
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60	56	53		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130538
5°	126480
10°	113959
15°	94257
20°	72993
25°	54753
30°	39753
35°	26475
40°	16288
45°	9551
50°	5868
55°	4741
60°	4166
65°	3373
70°	3013
75°	3050
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	13.8
10°-20°	114.4	29.9
20°-30°	104.0	27.2
30°-40°	62.9	16.5
40°-50°	25.2	6.6
50°-60°	11.2	2.9
60°-70°	6.7	1.8
70°-80°	3.7	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°	271.3	71.0
0°-40°	334.2	87.5
0°-60°	370.6	97.0
0°-90°	382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	382.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	595	
5°	575	53
15°	415	114
25°	226	104
35°	99	63
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°	595.3
1°	594.7
2°	592.3
3°	588.2
4°	582.3
5°	574.6
6°	565.1
7°	555.0
8°	542.0
9°	527.2
10°	511.8
11°	494.0
12°	475.1
13°	456.1
14°	435.4
15°	415.2
17.5°	362.5
20°	312.8
22.5°	266.5
25°	226.3
27.5°	189.5
30°	157.0
32.5°	126.8
35°	98.9
37.5°	75.8
40°	56.9
42.5°	41.5
45°	30.8
47.5°	23.1
50°	17.2
52.5°	13.6
55°	12.4
57.5°	10.7
60°	9.5
62.5°	7.7
65°	6.5
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.6
77.5°	3.0
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)