

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: P1288446

Luminaire Tested: P3A05R25W2N902750DE010 E3DLD1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288446
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902750DE010 E3DLD1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

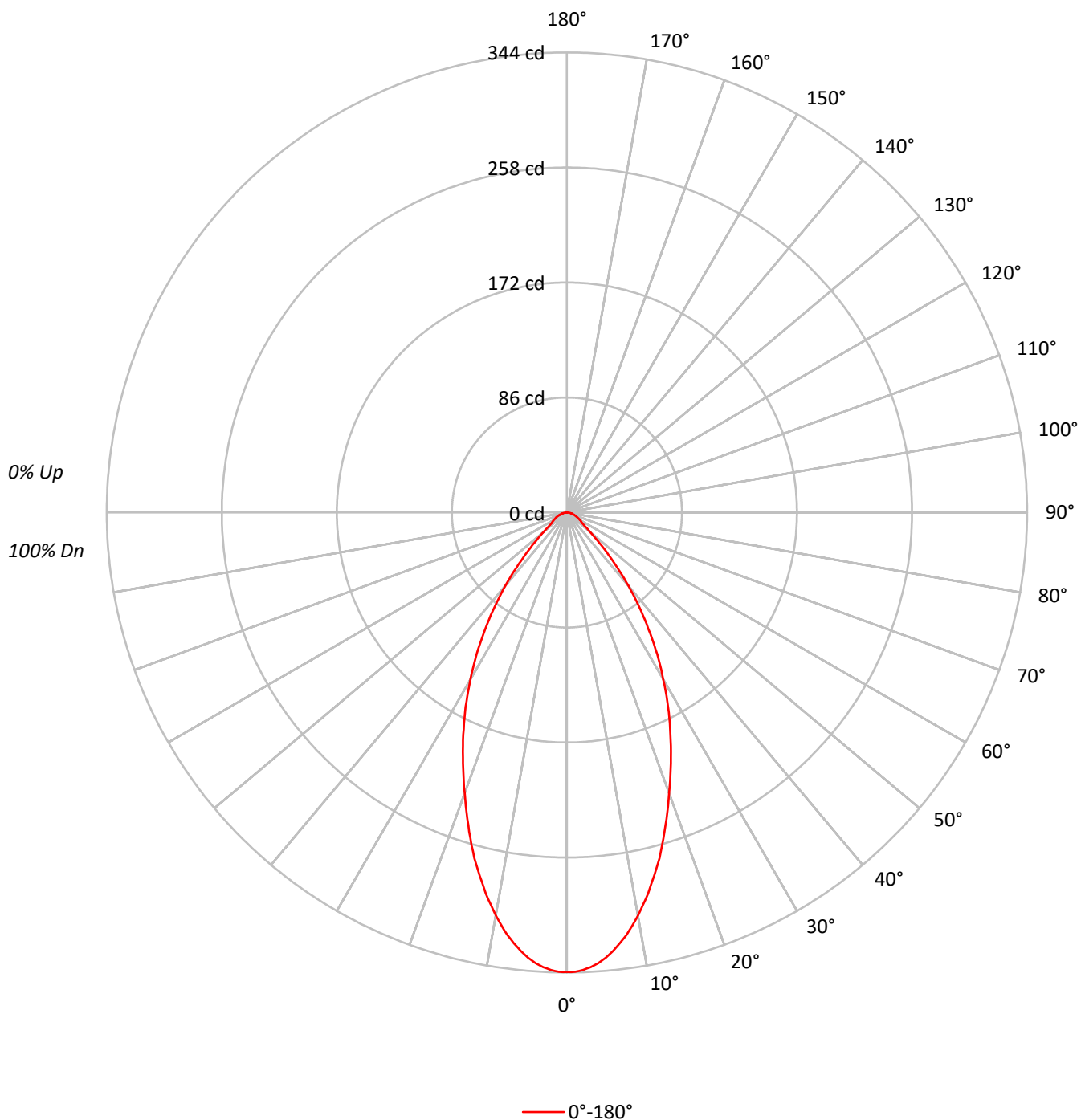
Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75345
5°	73542
10°	68157
15°	60704
20°	52155
25°	44325
30°	36487
35°	28429
40°	20467
45°	12994
50°	7676
55°	5276
60°	4868
65°	4514
70°	4039
75°	3643
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12994 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	9.8
10°-20°	74.2	23.4
20°-30°	83.9	26.5
30°-40°	66.3	20.9
40°-50°	33.5	10.6
50°-60°	13.4	4.2
60°-70°	8.6	2.7
70°-80°	4.7	1.5
80°-90°	1.4	0.4
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°	189.1	59.6
0°-40°	255.4	80.6
0°-60°	302.3	95.4
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	344	
5°	334	31
15°	267	74
25°	183	84
35°	106	66
45°	42	34
55°	14	13
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	343.6
1°	343.6
2°	342.4
3°	340.4
4°	337.7
5°	334.1
6°	329.8
7°	324.6
8°	319.1
9°	312.8
10°	306.1
11°	298.6
12°	291.4
13°	283.2
14°	275.3
15°	267.4
17.5°	245.2
20°	223.5
22.5°	203.0
25°	183.2
27.5°	163.9
30°	144.1
32.5°	125.6
35°	106.2
37.5°	88.5
40°	71.5
42.5°	55.7
45°	41.9
47.5°	31.2
50°	22.5
52.5°	17.0
55°	13.8
57.5°	12.6
60°	11.1
62.5°	9.9
65°	8.7
67.5°	7.5
70°	6.3
72.5°	5.5
75°	4.3
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)