

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: P1288770

Luminaire Tested: P3A05R30W2N902750DE010 E3DL1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288770
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: P3A05R30W2N902750DE010 E3DL1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

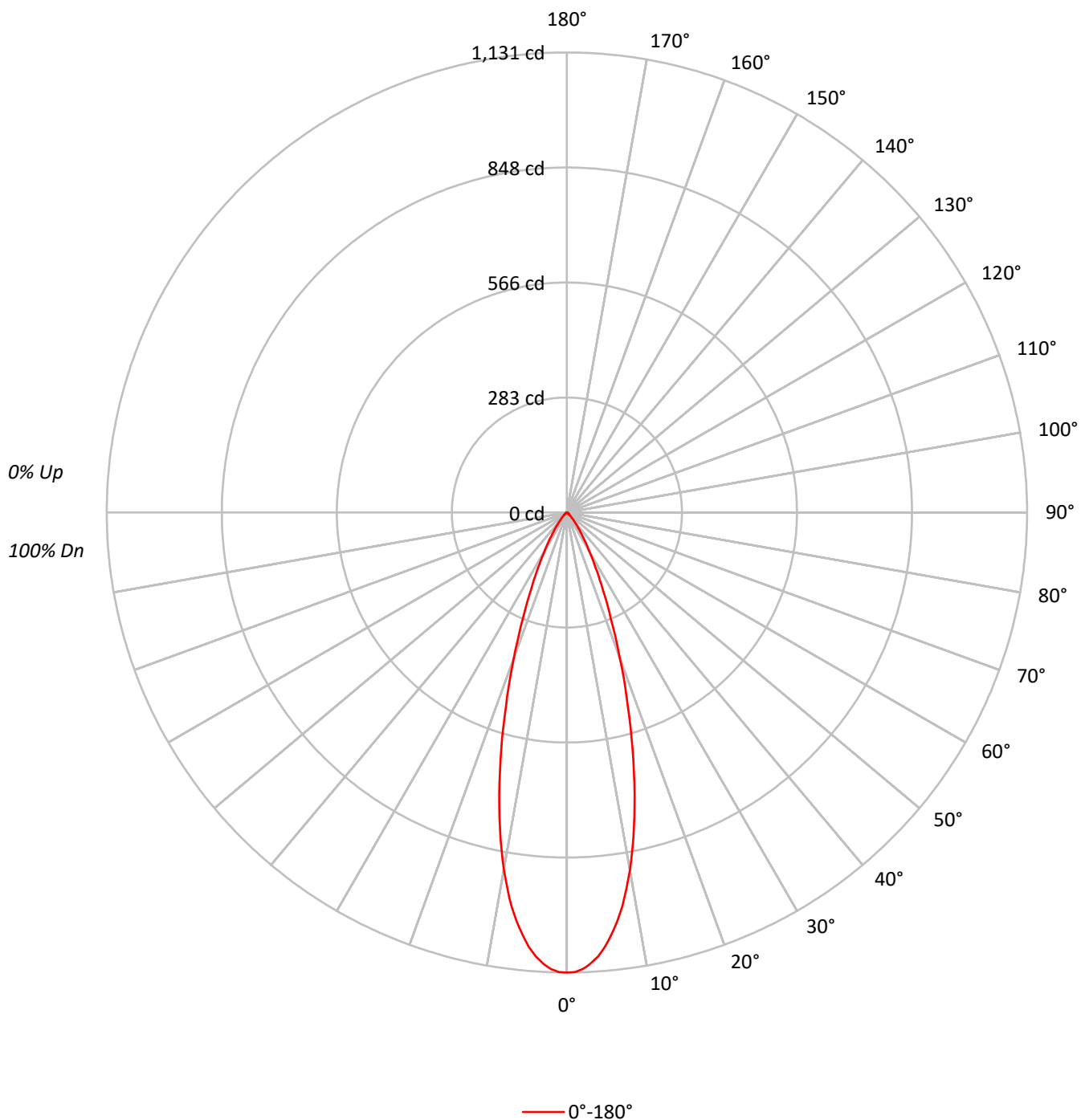
Lumens per Lamp: N/A
Luminaire Lumens: 425.0 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	95	94	93	92	91	90	89	88
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93	92	91	90	89	88	87	86	85	84
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88	87	86	85	84	83	82	81	80	79
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84	83	82	81	80	79	78	77	76	75
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76	75	74	73	72	71	70	69	68	67
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	73	72	71	70	69	68	67	66	65	64
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72	71	70	69	68	67	66	65	64	63	62	61
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	67	66	65	64	63	62	61	60	59	58
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	64	63	62	61	60	59	58	57	56	55
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64	63	62	61	60	59	58	57	56	55	54	53

AVERAGE LUMINANCE (cd/sqm):

0°	248006
5°	236055
10°	198549
15°	143179
20°	88814
25°	50519
30°	28055
35°	15258
40°	8044
45°	4373
50°	2320
55°	1529
60°	1403
65°	1453
70°	1282
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	22.7
10°-20°	171.6	40.4
20°-30°	99.2	23.3
30°-40°	37.6	8.9
40°-50°	11.6	2.7
50°-60°	3.9	0.9
60°-70°	2.6	0.6
70°-80°	1.4	0.3
80°-90°	0.4	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°	367.4	86.5
0°-40°	405.0	95.3
0°-60°	420.5	98.9
0°-90°	425.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	425.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1131	
5°	1072	97
15°	631	172
25°	209	99
35°	57	38
45°	14	12
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1131.0
1°	1130.2
2°	1123.3
3°	1110.5
4°	1094.4
5°	1072.4
6°	1044.3
7°	1012.9
8°	978.0
9°	936.3
10°	891.7
11°	843.5
12°	792.5
13°	739.1
14°	684.9
15°	630.7
17.5°	497.4
20°	380.6
22.5°	282.2
25°	208.8
27.5°	151.8
30°	110.8
32.5°	79.9
35°	57.0
37.5°	39.7
40°	28.1
42.5°	19.7
45°	14.1
47.5°	9.6
50°	6.8
52.5°	4.8
55°	4.0
57.5°	3.6
60°	3.2
62.5°	2.8
65°	2.8
67.5°	2.4
70°	2.0
72.5°	1.6
75°	1.2
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)