

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: P1300209

Luminaire Tested: P3A17R30W2N902750DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300209
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: P3A17R30W2N902750DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

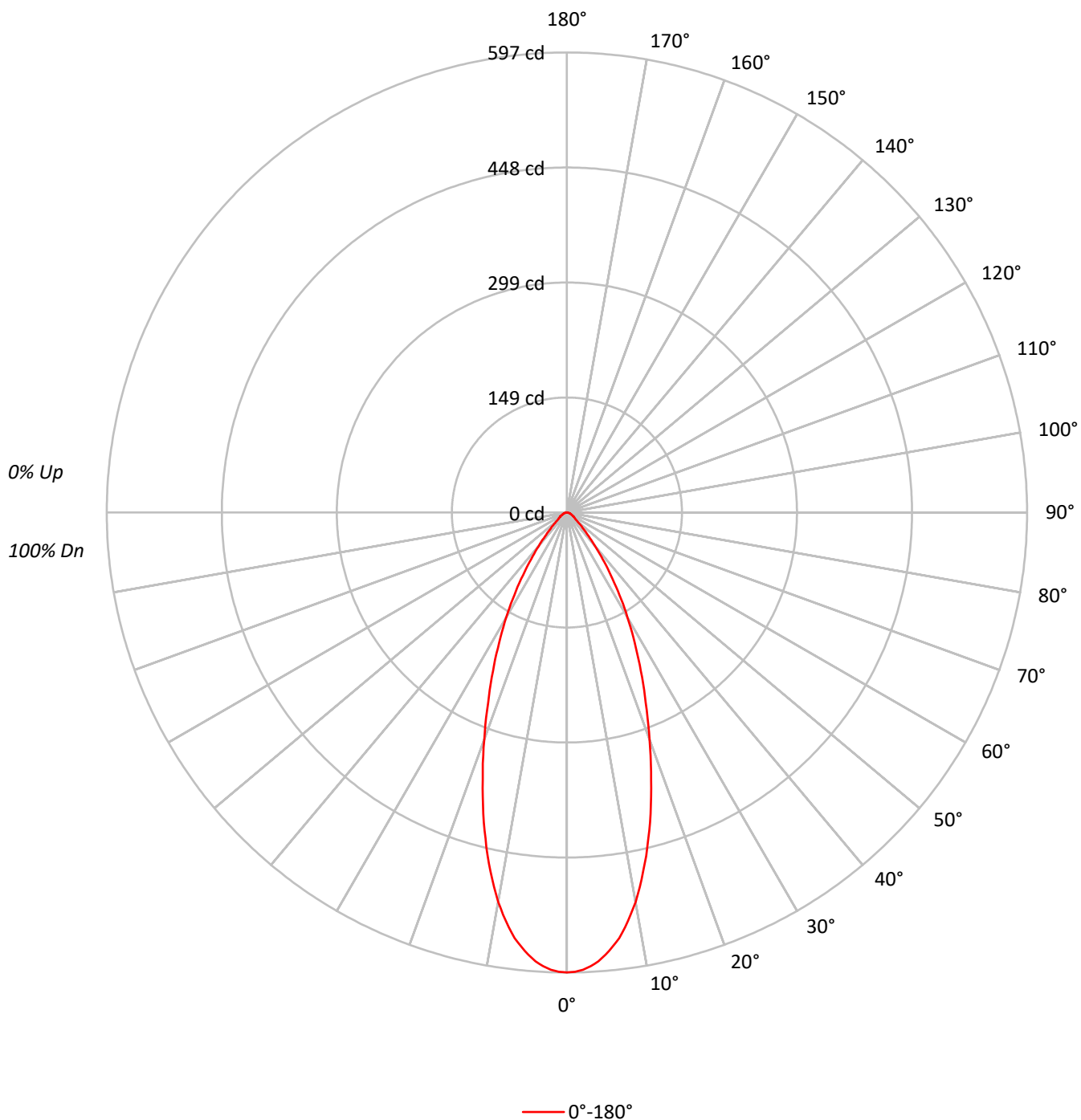
Lumens per Lamp: N/A
Luminaire Lumens: 383.1 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	130889
5°	126810
10°	114249
15°	94507
20°	73180
25°	54898
30°	39854
35°	26555
40°	16316
45°	9582
50°	5868
55°	4779
60°	4166
65°	3373
70°	3077
75°	3050
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	13.8
10°-20°	114.7	29.9
20°-30°	104.3	27.2
30°-40°	63.1	16.5
40°-50°	25.3	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°	272.0	71.0
0°-40°	335.0	87.5
0°-60°	371.5	97.0
0°-90°	383.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	597	
5°	576	53
15°	416	115
25°	227	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°	596.9
1°	596.3
2°	593.9
3°	589.7
4°	583.8
5°	576.1
6°	566.6
7°	556.5
8°	543.4
9°	528.6
10°	513.1
11°	495.3
12°	476.3
13°	457.3
14°	436.5
15°	416.3
17.5°	363.5
20°	313.6
22.5°	267.2
25°	226.9
27.5°	190.0
30°	157.4
32.5°	127.1
35°	99.2
37.5°	76.0
40°	57.0
42.5°	41.6
45°	30.9
47.5°	23.2
50°	17.2
52.5°	13.7
55°	12.5
57.5°	10.7
60°	9.5
62.5°	7.7
65°	6.5
67.5°	5.9
70°	4.8
72.5°	4.2
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):



(END OF REPORT)