

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: P1300187

Luminaire Tested: P3A17R30W2N902750DE010 E3DLD1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3DLD1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

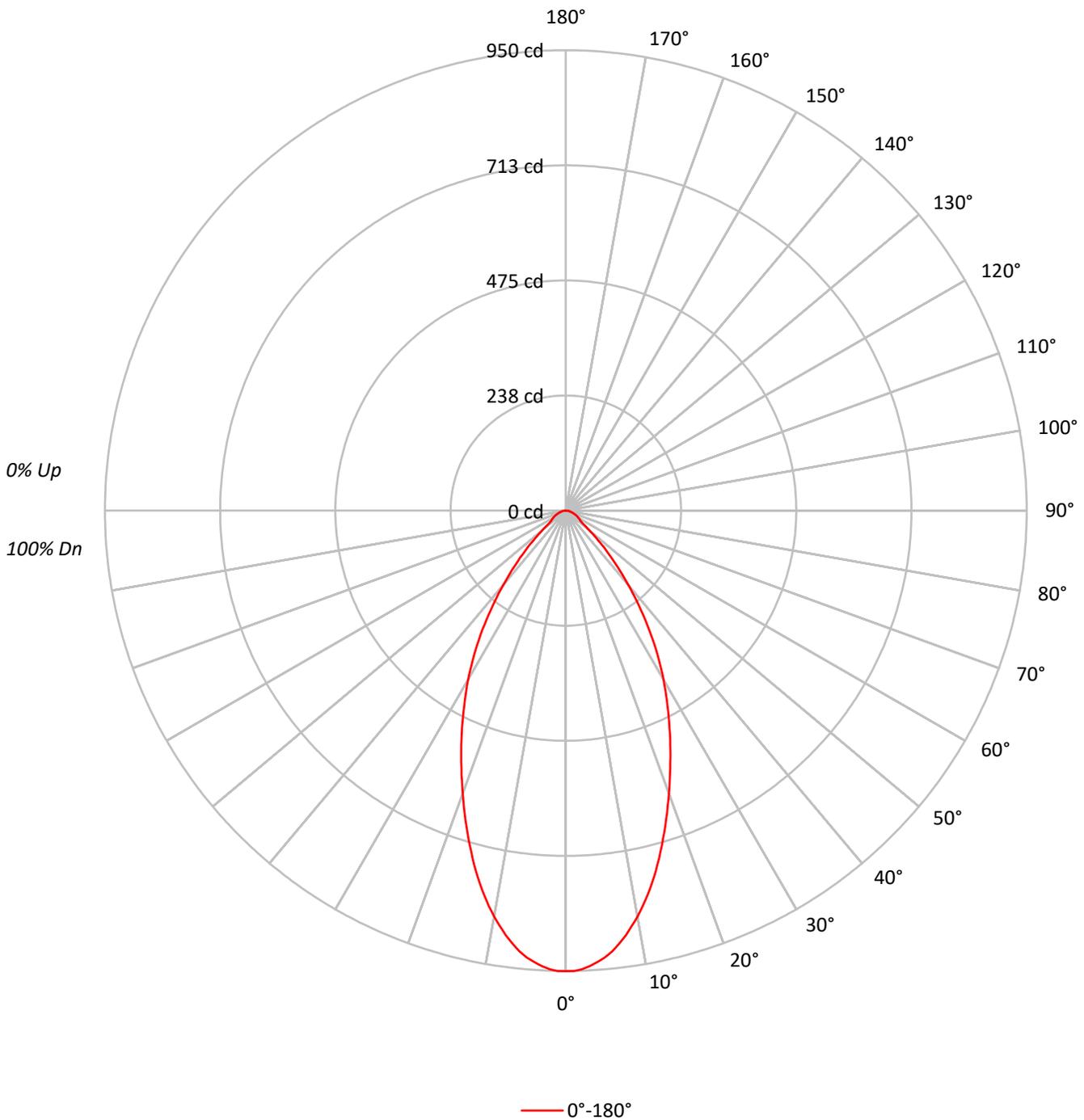
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 882.0 lumens
Efficiency: N/A
Efficacy: 45.5 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): 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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CATALOG NUMBER: P3A17R30W2N902750DE010 E3DLD1LI_2700K

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			0	
RW	70	50	30	10	70	50	30	10	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			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	208382
5°	203697
10°	189420
15°	168559
20°	144959
25°	122814
30°	101940
35°	79960
40°	57307
45°	37585
50°	21424
55°	14069
60°	13288
65°	12349
70°	11092
75°	10082
80°	9597
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37585 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	9.7
10°-20°	206.4	23.4
20°-30°	232.6	26.4
30°-40°	185.7	21.1
40°-50°	95.5	10.8
50°-60°	35.9	4.1
60°-70°	23.6	2.7
70°-80°	12.7	1.4
80°-90°	3.7	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°	524.9	59.5
0°-40°	710.7	80.6
0°-60°	842.1	95.5
0°-90°	882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	882.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	950	
5°	925	86
15°	742	206
25°	508	233
35°	299	186
45°	121	95
55°	37	36
65°	24	24
75°	12	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	950.3
1°	950.3
2°	947.0
3°	941.6
4°	934.0
5°	925.4
6°	914.5
7°	900.5
8°	885.3
9°	868.0
10°	850.7
11°	831.2
12°	810.6
13°	789.0
14°	766.3
15°	742.5
17.5°	681.8
20°	621.2
22.5°	562.8
25°	507.6
27.5°	453.5
30°	402.6
32.5°	350.7
35°	298.7
37.5°	247.8
40°	200.2
42.5°	158.0
45°	121.2
47.5°	89.8
50°	62.8
52.5°	44.4
55°	36.8
57.5°	33.6
60°	30.3
62.5°	27.1
65°	23.8
67.5°	20.6
70°	17.3
72.5°	14.1
75°	11.9
77.5°	9.7
80°	7.6
82.5°	5.4
85°	3.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)