

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: P1301441

Luminaire Tested: P3AS17R50W2N902750DE010 E3DLD1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

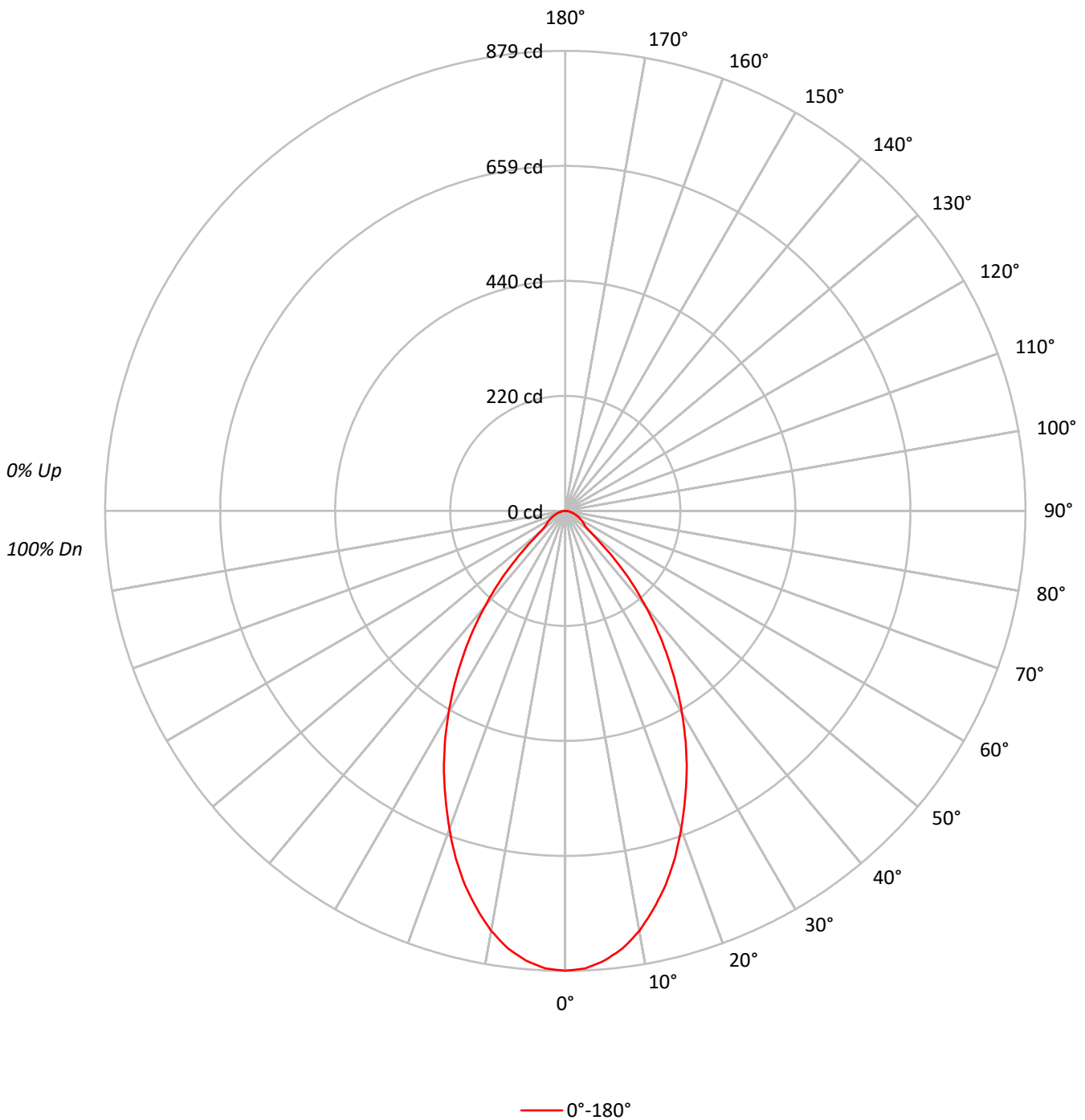
Test Method: LM-79-2019  
Report Number: P1301441  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R50W2N902750DE010 E3DLD1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI ,  
E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 948.0 lumens  
Efficiency: N/A  
Efficacy: 48.9 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
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				
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	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			43

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	192660
5°	189808
10°	181404
15°	168015
20°	150980
25°	132733
30°	112878
35°	91524
40°	68757
45°	44284
50°	21048
55°	16554
60°	15657
65°	14580
70°	13207
75°	11946
80°	10986
85°	10819

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 44284 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	80.8	8.5
10°-20°	206.3	21.8
20°-30°	250.7	26.4
30°-40°	212.6	22.4
40°-50°	110.4	11.6
50°-60°	39.9	4.2
60°-70°	27.6	2.9
70°-80°	15.0	1.6
80°-90°	4.7	0.5
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°	537.9	56.7
0°-40°	750.5	79.2
0°-60°	900.8	95.0
0°-90°	948.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	948.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	879	
5°	862	81
15°	740	206
25°	549	251
35°	342	213
45°	143	110
55°	43	40
65°	28	28
75°	14	15
85°	4	5
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	878.6
2.5°	875.3
5°	862.3
7.5°	842.9
10°	814.7
12.5°	779.0
15°	740.1
17.5°	695.7
20°	647.0
22.5°	597.2
25°	548.6
27.5°	497.7
30°	445.8
32.5°	393.8
35°	341.9
37.5°	291.1
40°	240.2
42.5°	191.5
45°	142.8
47.5°	95.2
50°	61.7
52.5°	47.6
55°	43.3
57.5°	39.0
60°	35.7
62.5°	31.4
65°	28.1
67.5°	23.8
70°	20.6
72.5°	17.3
75°	14.1
77.5°	10.8
80°	8.7
82.5°	6.5
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)