

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: P1302702

Luminaire Tested: P3AS17R70W2N902750DE010 E3DL1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

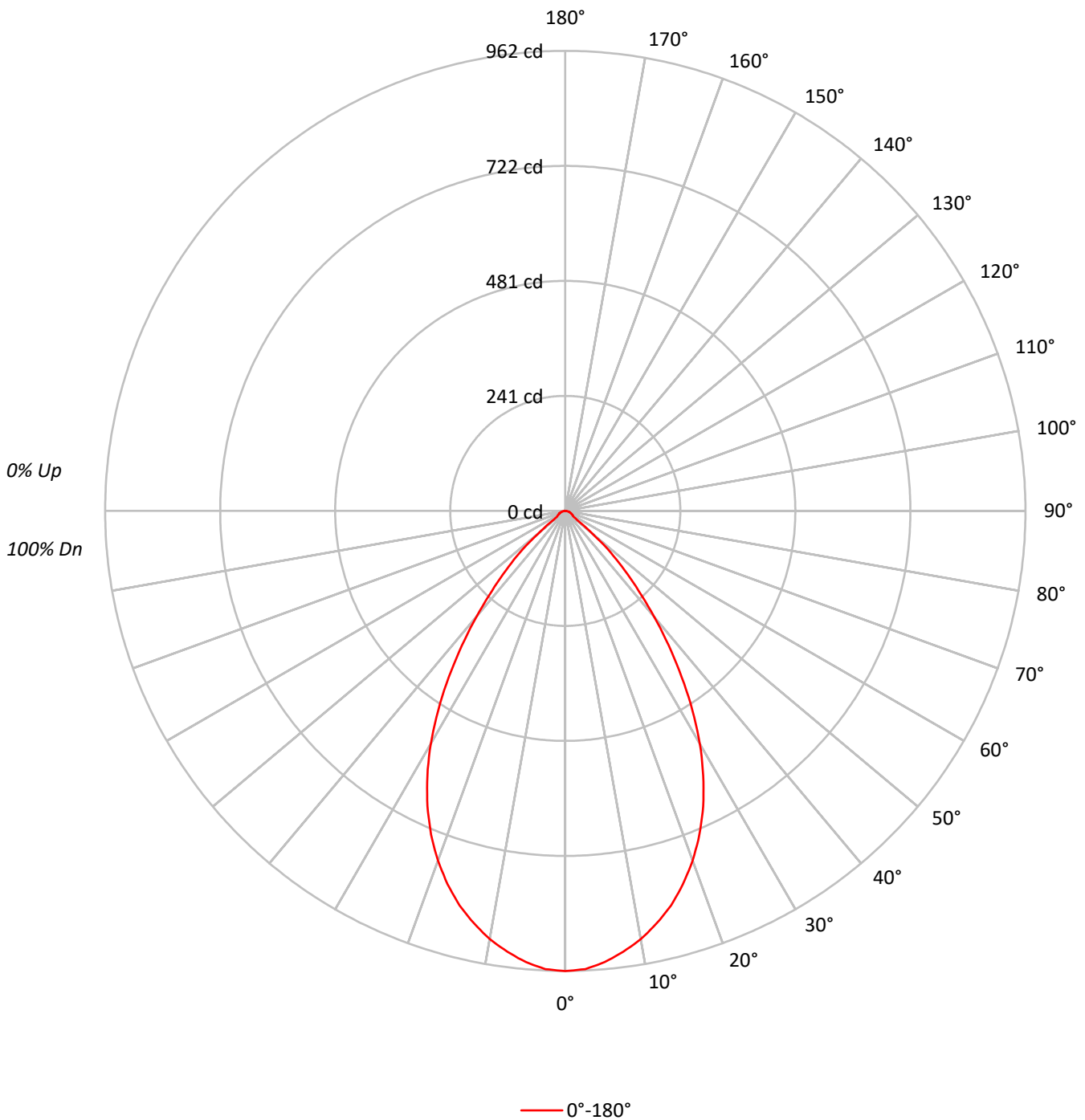
Test Method: LM-79-2019  
Report Number: P1302702  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R70W2N902750DE010 E3DL1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1090.0 lumens  
Efficiency: N/A  
Efficacy: 56.2 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98  
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	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

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

	0°
0°	211014
5°	208474
10°	202468
15°	193894
20°	181619
25°	164985
30°	142528
35°	113582
40°	82726
45°	54393
50°	25483
55°	7875
60°	7587
65°	7316
70°	6924
75°	7371
80°	6819
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 54393 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.2	8.2
10°-20°	239.0	21.9
20°-30°	310.7	28.5
30°-40°	263.6	24.2
40°-50°	135.9	12.5
50°-60°	26.2	2.4
60°-70°	14.2	1.3
70°-80°	8.7	0.8
80°-90°	2.5	0.2
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°	638.9	58.6
0°-40°	902.5	82.8
0°-60°	1064.6	97.7
0°-90°	1090.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1090.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	962	
5°	947	89
15°	854	239
25°	682	311
35°	424	264
45°	175	136
55°	21	26
65°	14	14
75°	9	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	962.3
2.5°	959.1
5°	947.1
7.5°	929.8
10°	909.3
12.5°	883.3
15°	854.1
17.5°	818.3
20°	778.3
22.5°	732.8
25°	681.9
27.5°	624.6
30°	562.9
32.5°	494.7
35°	424.3
37.5°	355.0
40°	289.0
42.5°	227.3
45°	175.4
47.5°	128.8
50°	74.7
52.5°	32.5
55°	20.6
57.5°	19.5
60°	17.3
62.5°	16.2
65°	14.1
67.5°	13.0
70°	10.8
72.5°	9.7
75°	8.7
77.5°	6.5
80°	5.4
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)