

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: P1302736

Luminaire Tested: P3AS17R70W2N902750DE010 E3DLP1WMH\_5000K

Issue Date: 1/30/2026

**Test Information**

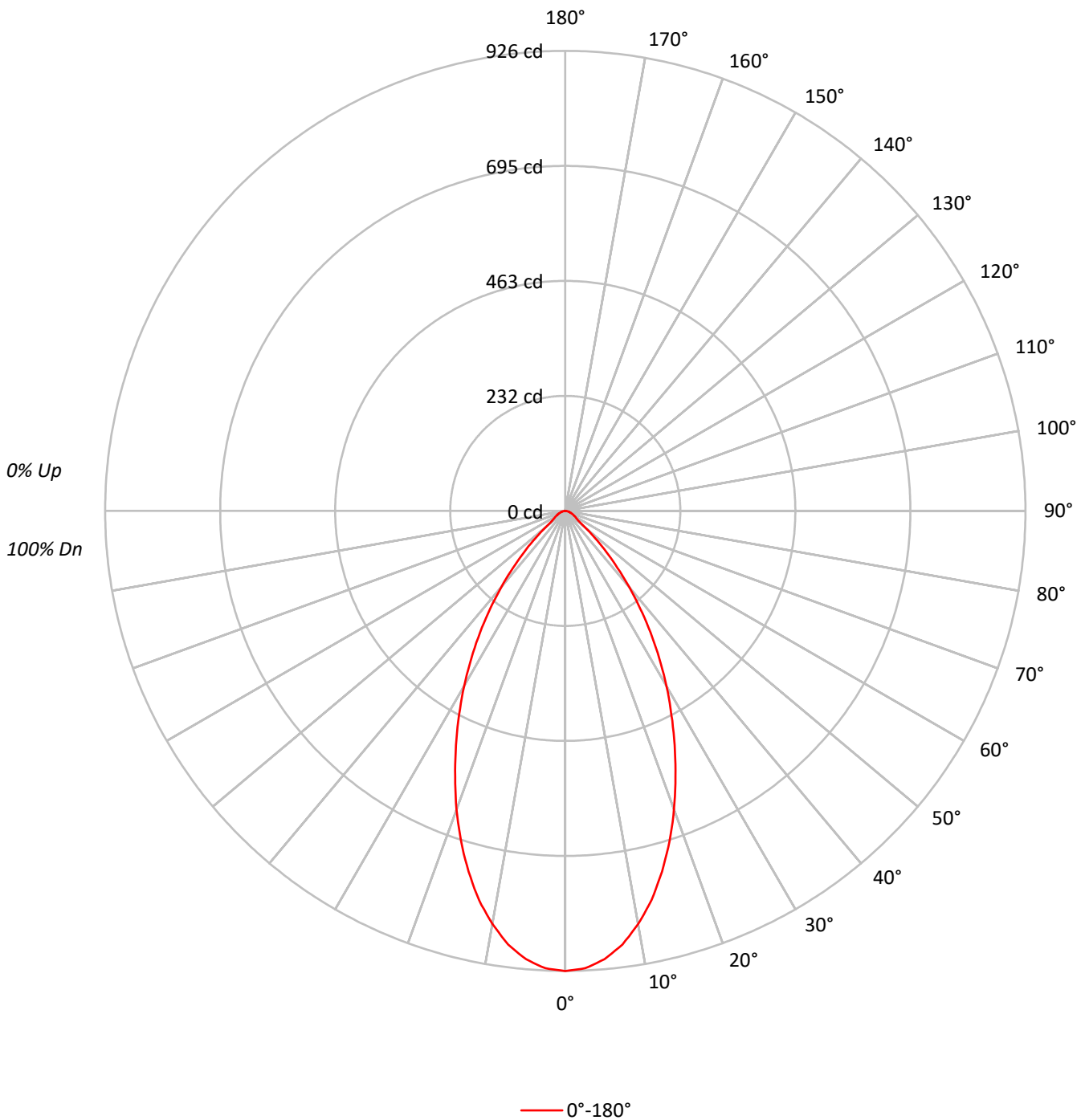
Test Method: LM-79-2019  
Report Number: P1302736  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R70W2N902750DE010 E3DLP1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 866.0 lumens  
Efficiency: N/A  
Efficacy: 44.6 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87  
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			
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			

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

	0°
0°	203120
5°	199405
10°	188017
15°	170648
20°	149253
25°	125910
30°	103104
35°	79960
40°	57250
45°	36221
50°	18080
55°	11049
60°	9517
65°	8769
70°	7694
75°	7117
80°	6061
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 36221 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.5	9.8
10°-20°	209.2	24.2
20°-30°	238.2	27.5
30°-40°	186.3	21.5
40°-50°	91.5	10.6
50°-60°	28.1	3.2
60°-70°	16.7	1.9
70°-80°	8.9	1.0
80°-90°	2.6	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°	531.9	61.4
0°-40°	718.1	82.9
0°-60°	837.8	96.7
0°-90°	866.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	866.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	926	
5°	906	85
15°	752	209
25°	520	238
35°	299	186
45°	117	91
55°	29	28
65°	17	17
75°	8	9
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	926.3
2.5°	921.5
5°	905.9
7.5°	880.6
10°	844.4
12.5°	802.3
15°	751.7
17.5°	697.5
20°	639.6
22.5°	579.4
25°	520.4
27.5°	462.6
30°	407.2
32.5°	351.7
35°	298.7
37.5°	248.1
40°	200.0
42.5°	155.4
45°	116.8
47.5°	81.9
50°	53.0
52.5°	34.9
55°	28.9
57.5°	25.3
60°	21.7
62.5°	19.3
65°	16.9
67.5°	14.5
70°	12.0
72.5°	9.6
75°	8.4
77.5°	7.2
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)