

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: P1292554

Luminaire Tested: P3AS09R30W2N902750DE010 E3D1WMH\_3500K

Issue Date: 1/29/2026

**Test Information**

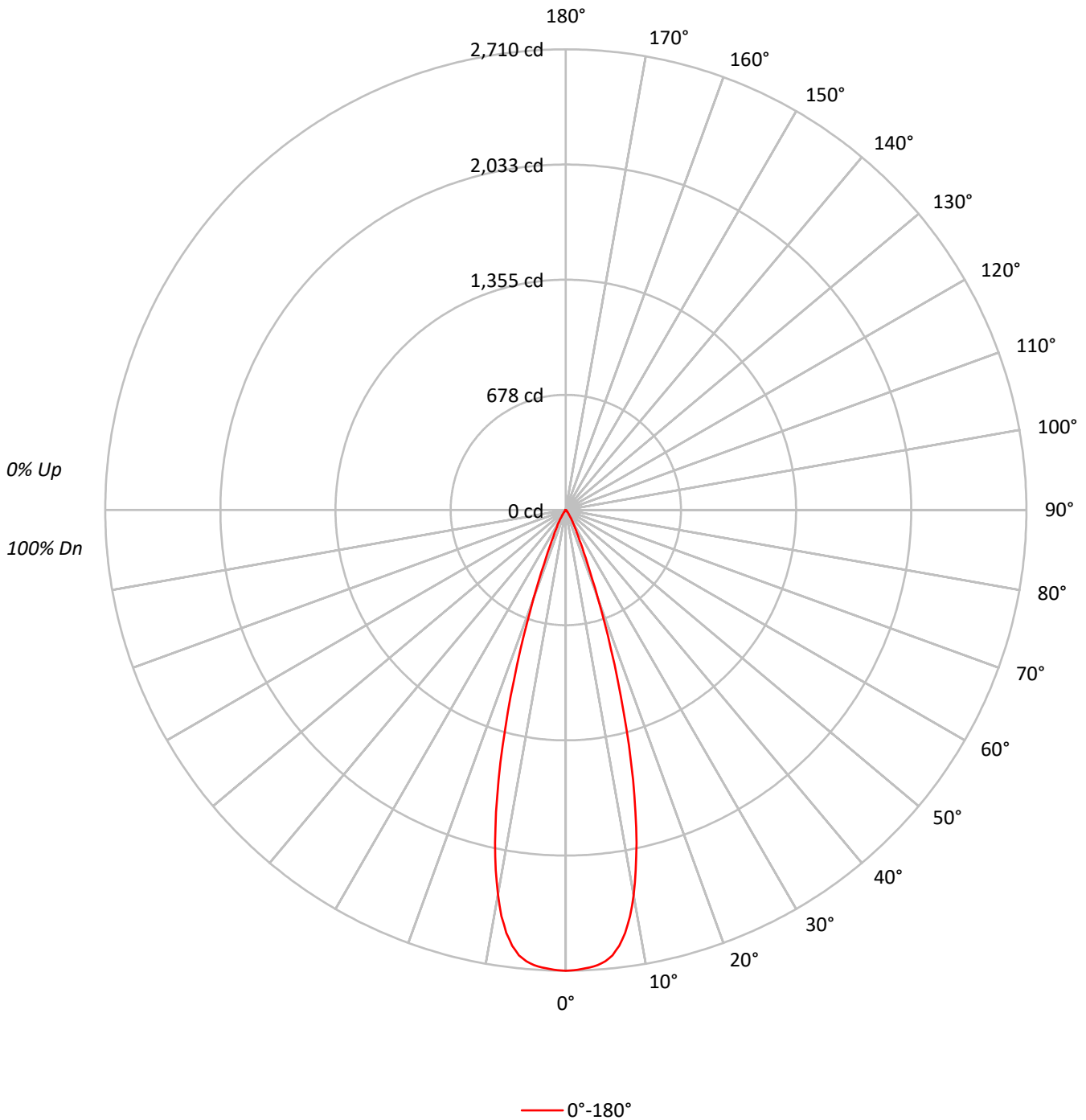
Test Method: LM-79-2019  
Report Number: P1292554  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30W2N902750DE010 E3D1WMH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 747.0 lumens  
Efficiency: N/A  
Efficacy: 83.0 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 9  
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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	94	94	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	90	90	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	88	88	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	85	85	85
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	82	82	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	80	80	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	78	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	76	76	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	74	74	74

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

	0°
0°	594338
5°	586593
10°	512148
15°	325518
20°	128975
25°	43067
30°	20054
35°	9075
40°	3492
45°	1706
50°	478
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1706 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	243.6	32.6
10°-20°	377.8	50.6
20°-30°	97.4	13.0
30°-40°	22.9	3.1
40°-50°	4.5	0.6
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	718.9	96.2
0°-40°	741.8	99.3
0°-60°	746.8	100.0
0°-90°	747.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	747.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2710	
5°	2665	244
15°	1434	378
25°	178	97
35°	34	23
45°	6	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2710.4
1°	2708.4
2°	2702.0
3°	2694.7
4°	2684.0
5°	2664.9
6°	2633.8
7°	2582.2
8°	2511.8
9°	2419.8
10°	2300.1
11°	2157.7
12°	2002.3
13°	1823.4
14°	1636.0
15°	1433.9
16°	1235.9
17°	1045.1
18°	862.1
19°	694.2
20°	552.7
21°	435.0
22°	342.2
23°	270.8
24°	216.9
25°	178.0
26°	148.5
27°	126.1
28°	109.0
29°	93.4
30°	79.2
32.5°	49.9
35°	33.9
37.5°	21.2
40°	12.2
42.5°	8.1
45°	5.5
47.5°	3.2
50°	1.4
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	0.3
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)