

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: P1294444

Luminaire Tested: P3AS09R60W2N902750DE010 E3D1WMH\_2700K

Issue Date: 1/29/2026

**Test Information**

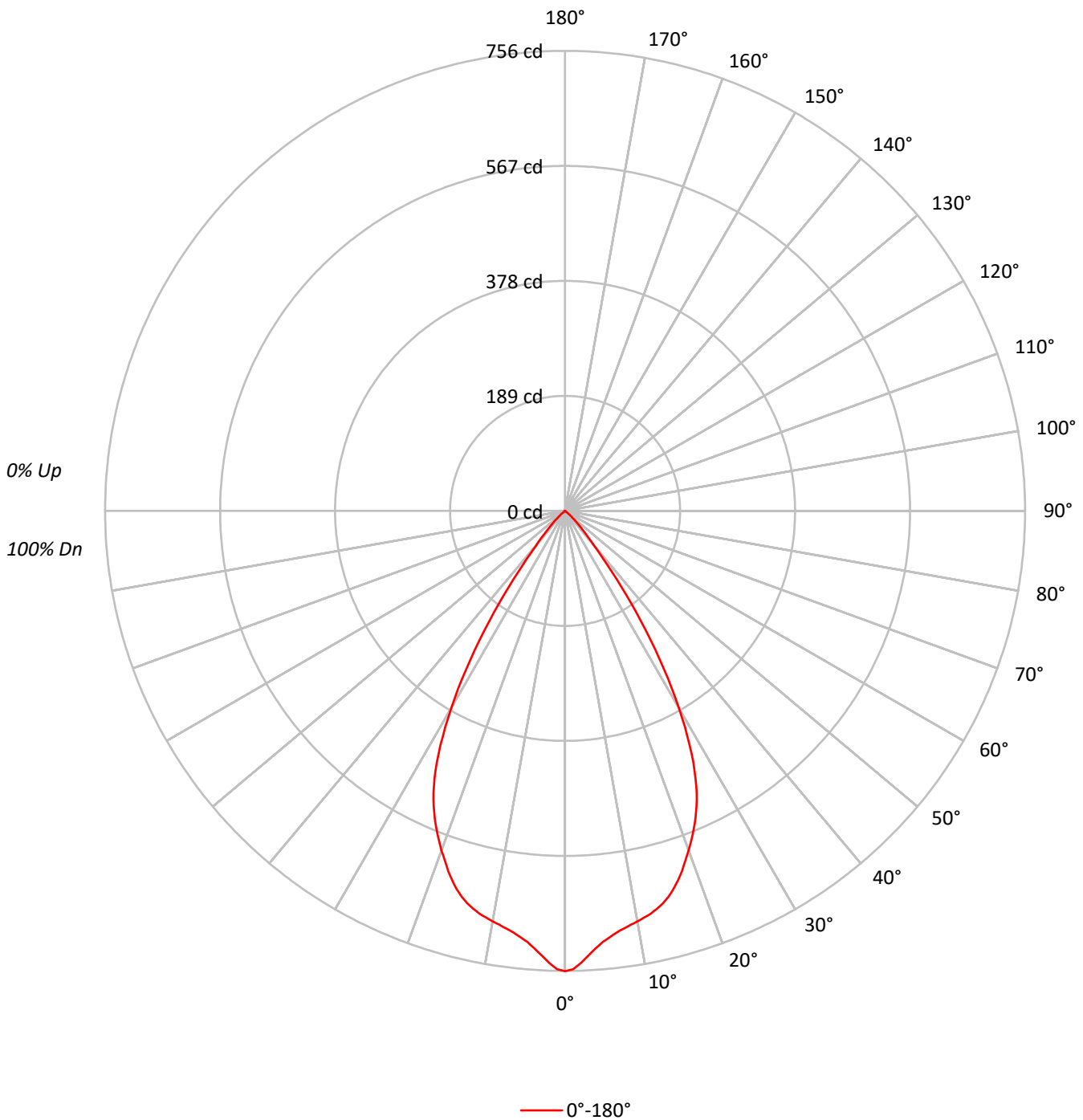
Test Method: LM-79-2019  
Report Number: P1294444  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R60W2N902750DE010 E3D1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,  
E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 633.1 lumens  
Efficiency: N/A  
Efficacy: 70.3 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88  
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
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82			82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77			77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72			72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67			67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63			63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59			59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56			56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53			53

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

	0°
0°	165864
5°	156570
10°	152502
15°	149013
20°	138542
25°	123854
30°	94597
35°	54609
40°	21211
45°	8838
50°	1944
55°	306
60°	219
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8838 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.1	10.6
10°-20°	182.8	28.9
20°-30°	229.0	36.2
30°-40°	128.0	20.2
40°-50°	24.4	3.8
50°-60°	1.2	0.2
60°-70°	0.3	0.1
70°-80°	0.1	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°	479.0	75.7
0°-40°	607.0	95.9
0°-60°	632.6	99.9
0°-90°	633.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	633.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	756	
5°	711	67
15°	656	183
25°	512	229
35°	204	128
45°	28	24
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	756.4
1°	753.3
2°	743.4
3°	731.8
4°	720.9
5°	711.3
6°	704.1
7°	697.8
8°	693.2
9°	688.8
10°	684.9
11°	681.0
12°	676.6
13°	671.2
14°	664.7
15°	656.4
16°	646.3
17°	634.9
18°	622.0
19°	607.2
20°	593.7
21°	579.2
22°	564.2
23°	548.4
24°	531.1
25°	511.9
26°	489.4
27°	464.3
28°	436.1
29°	406.0
30°	373.6
31°	341.0
32°	307.4
32.5°	289.0
33°	272.4
34°	238.0
35°	204.0
36°	173.5
37°	141.1
37.5°	126.4
38°	111.9
39°	90.1
40°	74.1
42.5°	45.1
45°	28.5



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	15.8
50°	5.7
52.5°	1.3
55°	0.8
57.5°	0.5
60°	0.5
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
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)