

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: P1294399

Luminaire Tested: P3AS09R60W2N902750DE010 E3CB1MMS\_2700K

Issue Date: 1/30/2026

**Test Information**

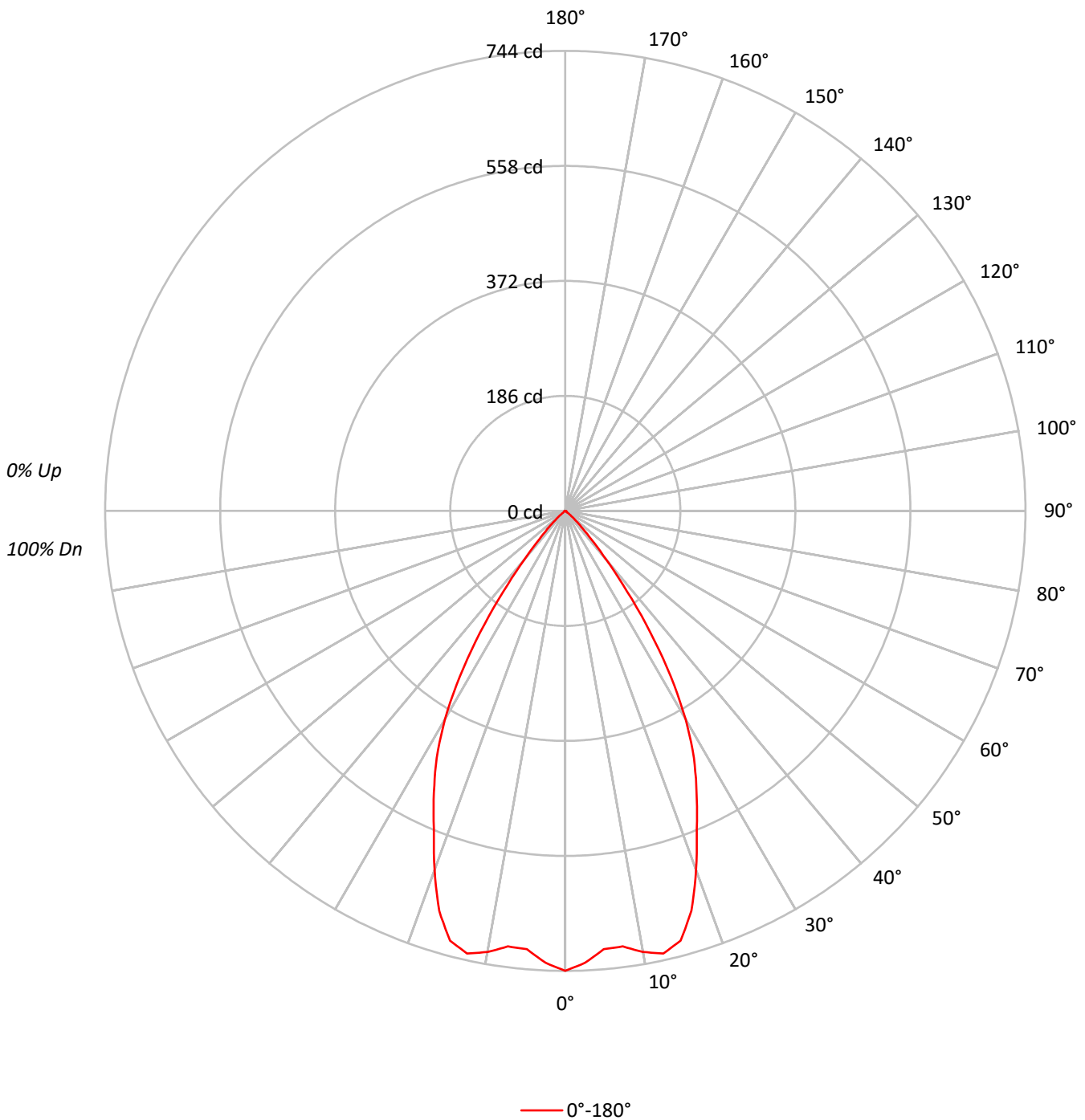
Test Method: LM-79-2019  
Report Number: P1294399  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R60W2N902750DE010 E3CB1MMS\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,  
E3CB1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 683.0 lumens  
Efficiency: N/A  
Efficacy: 75.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
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	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76	76	76	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71	71	71	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66	66	66	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62	62	62	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	63	59	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	163101
5°	156636
10°	161253
15°	163338
20°	144236
25°	121555
30°	98572
35°	64193
40°	29484
45°	11288
50°	3787
55°	994
60°	921
65°	830
70°	705
75°	932
80°	631
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11288 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.5	10.0
10°-20°	197.0	28.8
20°-30°	229.8	33.6
30°-40°	148.3	21.7
40°-50°	33.2	4.9
50°-60°	3.3	0.5
60°-70°	1.6	0.2
70°-80°	0.9	0.1
80°-90°	0.3	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°	495.3	72.5
0°-40°	643.6	94.2
0°-60°	680.1	99.6
0°-90°	683.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	683.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	744	
5°	712	68
15°	720	197
25°	502	230
35°	240	148
45°	36	33
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	743.8
2.5°	731.6
5°	711.6
7.5°	710.5
10°	724.2
12.5°	733.2
15°	719.5
17.5°	678.3
20°	618.1
22.5°	555.2
25°	502.4
27.5°	450.6
30°	389.3
32.5°	317.5
35°	239.8
37.5°	163.8
40°	103.0
42.5°	61.8
45°	36.4
47.5°	21.1
50°	11.1
52.5°	3.7
55°	2.6
57.5°	2.1
60°	2.1
62.5°	1.6
65°	1.6
67.5°	1.6
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)