

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: P1294151

Luminaire Tested: P3AS09R55W2N902750DE010 E3DL1WH\_3000K

Issue Date: 1/30/2026

**Test Information**

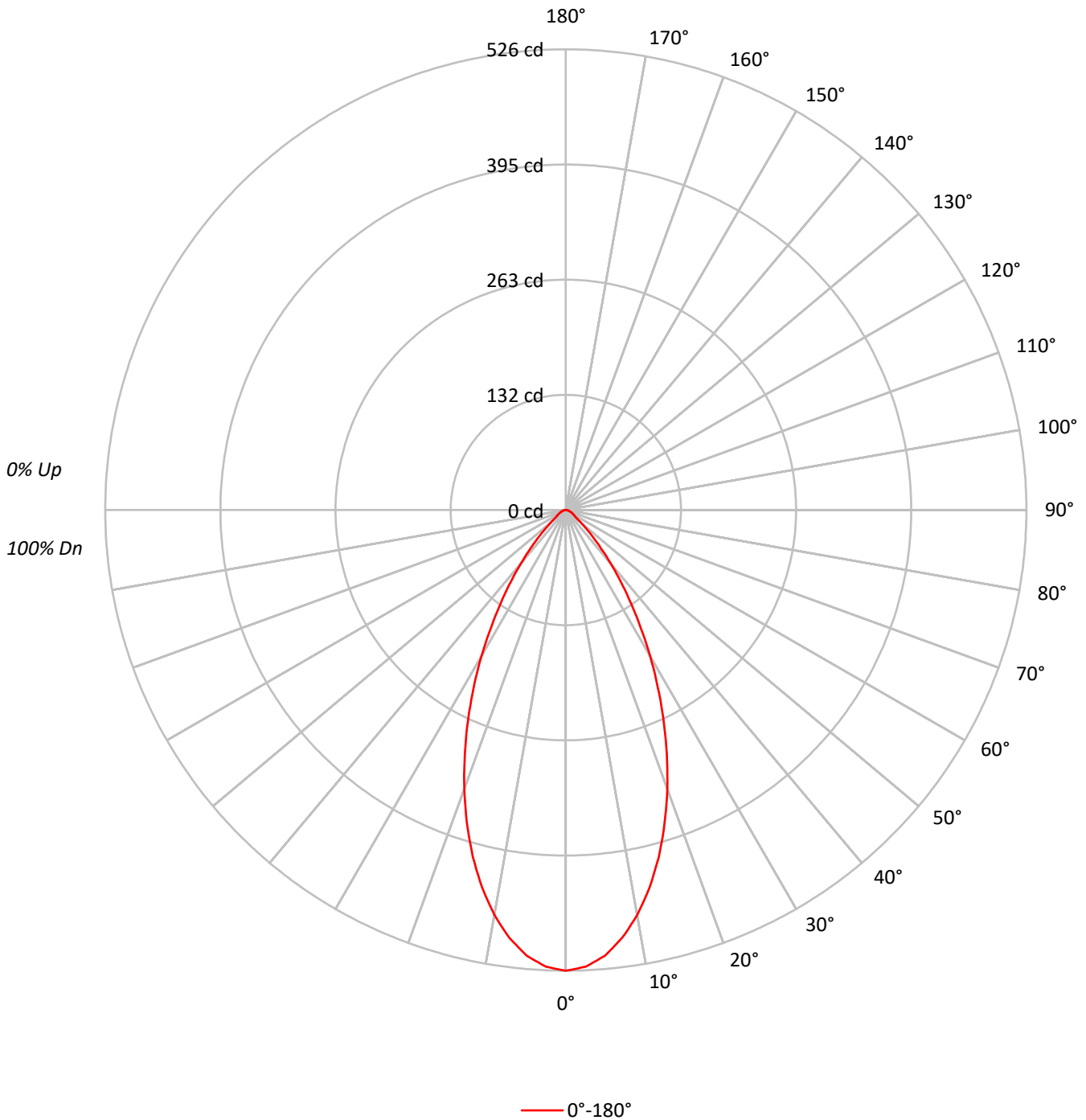
Test Method: LM-79-2019  
Report Number: P1294151  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902750DE010 E3DL1WH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 424.0 lumens  
Efficiency: N/A  
Efficacy: 47.1 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
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				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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

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

	0°
0°	115342
5°	112458
10°	104540
15°	93099
20°	79107
25°	63850
30°	48666
35°	34613
40°	22843
45°	13552
50°	7949
55°	4893
60°	4342
65°	3943
70°	3334
75°	2965
80°	2904
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13552 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	47.4	11.2
10°-20°	113.7	26.8
20°-30°	120.4	28.4
30°-40°	81.4	19.2
40°-50°	35.7	8.4
50°-60°	12.8	3.0
60°-70°	7.5	1.8
70°-80°	3.9	0.9
80°-90°	1.3	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°	281.5	66.4
0°-40°	362.9	85.6
0°-60°	411.3	97.0
0°-90°	424.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	424.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	526	
5°	511	47
15°	410	114
25°	264	120
35°	129	81
45°	44	36
55°	13	13
65°	8	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	526.0
2.5°	521.9
5°	510.9
7.5°	492.8
10°	469.5
12.5°	441.5
15°	410.1
17.5°	375.1
20°	339.0
22.5°	301.2
25°	263.9
27.5°	227.2
30°	192.2
32.5°	159.0
35°	129.3
37.5°	102.5
40°	79.8
42.5°	60.0
45°	43.7
47.5°	32.0
50°	23.3
52.5°	16.3
55°	12.8
57.5°	11.7
60°	9.9
62.5°	8.7
65°	7.6
67.5°	6.4
70°	5.2
72.5°	4.7
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)