

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: P1294316

Luminaire Tested: P3AS09R55W2N902765DE010 E3DL1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

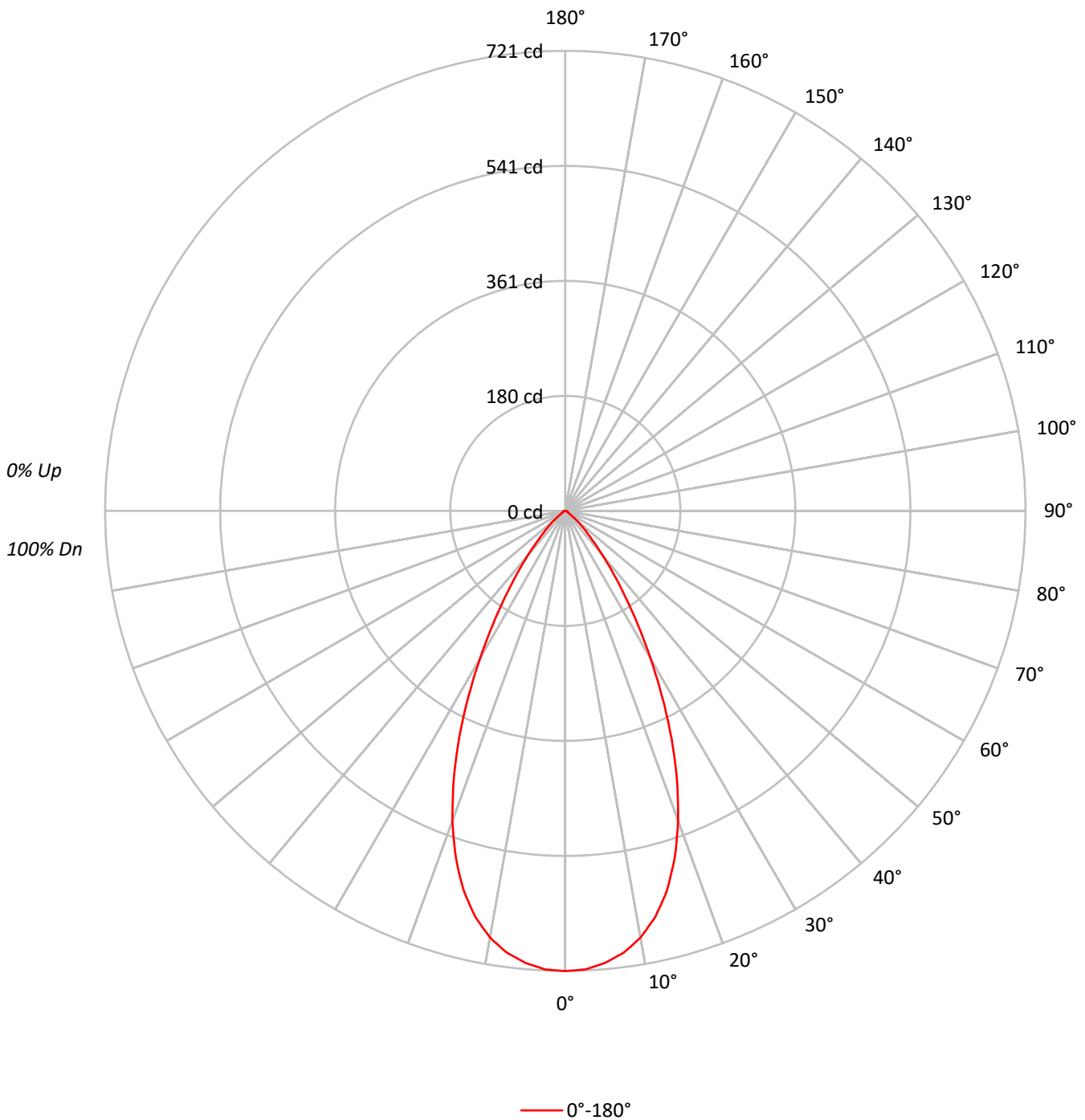
Test Method: LM-79-2019  
Report Number: P1294316  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R55W2N902765DE010 E3DL1WMH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,  
E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 576.0 lumens  
Efficiency: N/A  
Efficacy: 64.0 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81  
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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93	93	93	93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87	87	87	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81	81	81	81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	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	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52	52	52	52

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

	0°
0°	158167
5°	156570
10°	151188
15°	139751
20°	120597
25°	95256
30°	67580
35°	43580
40°	26163
45°	14761
50°	7949
55°	2829
60°	2544
65°	2491
70°	2372
75°	2203
80°	2020
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14761 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.9	11.6
10°-20°	170.2	29.6
20°-30°	178.4	31.0
30°-40°	104.1	18.1
40°-50°	38.9	6.8
50°-60°	9.2	1.6
60°-70°	4.7	0.8
70°-80°	2.8	0.5
80°-90°	0.8	0.1
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°	415.5	72.1
0°-40°	519.6	90.2
0°-60°	567.7	98.6
0°-90°	576.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	576.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	721	
5°	711	67
15°	616	170
25°	394	178
35°	163	104
45°	48	39
55°	7	9
65°	5	5
75°	3	3
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	721.3
2.5°	719.2
5°	711.3
7.5°	698.6
10°	679.0
12.5°	651.5
15°	615.6
17.5°	570.2
20°	516.8
22.5°	457.1
25°	393.7
27.5°	328.7
30°	266.9
32.5°	210.8
35°	162.8
37.5°	123.7
40°	91.4
42.5°	65.5
45°	47.6
47.5°	34.3
50°	23.3
52.5°	13.2
55°	7.4
57.5°	6.3
60°	5.8
62.5°	5.3
65°	4.8
67.5°	4.2
70°	3.7
72.5°	3.2
75°	2.6
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)