

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: P1292497

Luminaire Tested: P3AS09R25W2N902765DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

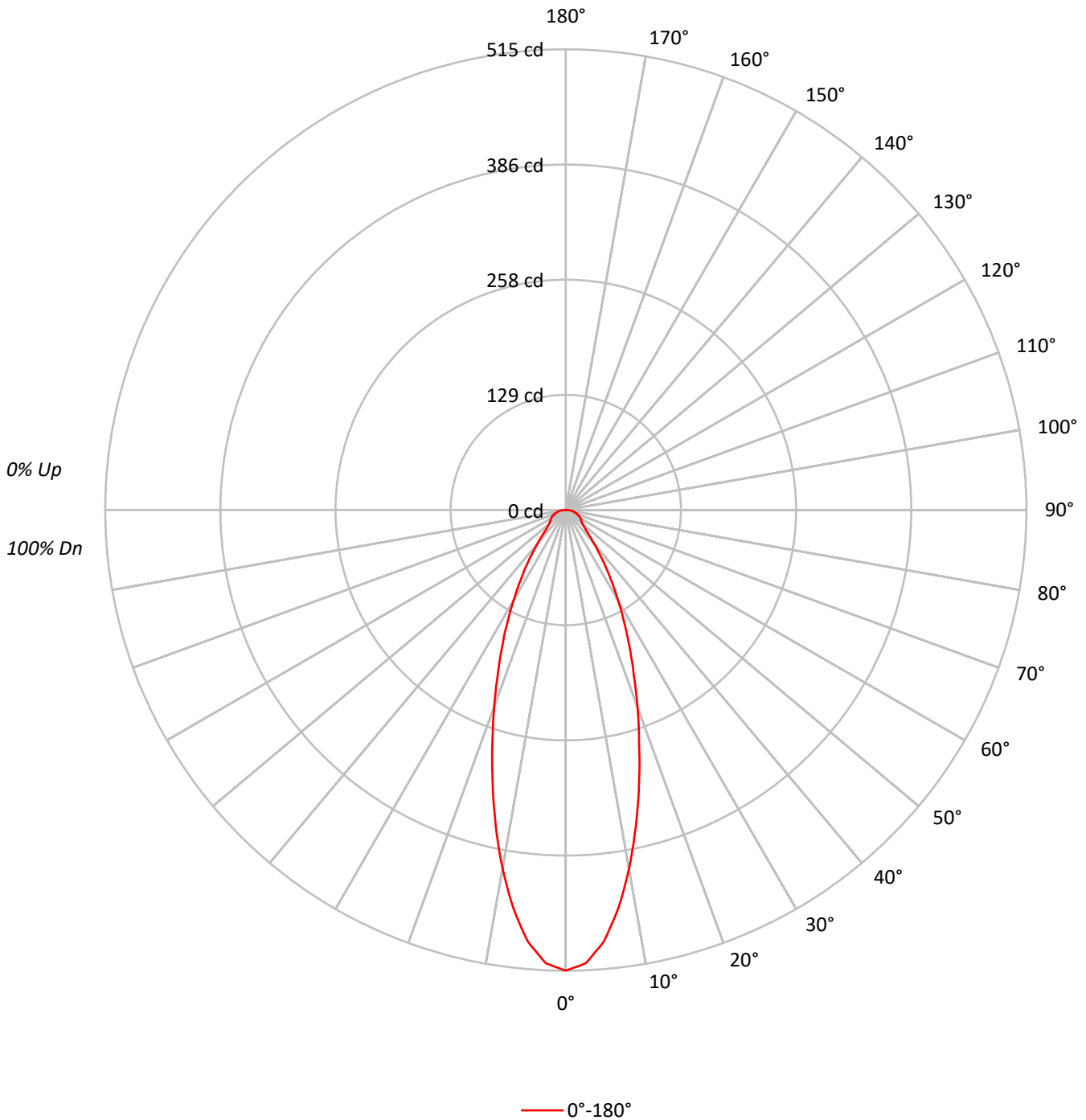
Test Method: LM-79-2019  
Report Number: P1292497  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R25W2N902765DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 336.0 lumens  
Efficiency: N/A  
Efficacy: 37.3 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46

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

	0°
0°	112886
5°	106669
10°	90669
15°	71805
20°	54581
25°	40720
30°	29599
35°	20934
40°	14198
45°	9924
50°	8324
55°	8028
60°	8464
65°	8717
70°	8655
75°	9235
80°	10607
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 11256 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.7	13.0
10°-20°	87.6	26.1
20°-30°	77.5	23.1
30°-40°	49.4	14.7
40°-50°	26.1	7.8
50°-60°	19.2	5.7
60°-70°	16.3	4.9
70°-80°	11.5	3.4
80°-90°	4.6	1.4
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°	208.8	62.2
0°-40°	258.2	76.8
0°-60°	303.5	90.3
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	515	
5°	485	44
15°	316	88
25°	168	78
35°	78	49
45°	32	26
55°	21	19
65°	17	16
75°	11	12
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	514.8
2.5°	507.3
5°	484.6
7.5°	449.2
10°	407.2
12.5°	361.7
15°	316.3
17.5°	272.6
20°	233.9
22.5°	198.5
25°	168.3
27.5°	141.3
30°	116.9
32.5°	95.9
35°	78.2
37.5°	62.3
40°	49.6
42.5°	39.5
45°	32.0
47.5°	27.8
50°	24.4
52.5°	22.7
55°	21.0
57.5°	20.2
60°	19.3
62.5°	17.7
65°	16.8
67.5°	15.1
70°	13.5
72.5°	12.6
75°	10.9
77.5°	9.3
80°	8.4
82.5°	6.7
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)