

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: P1292496

Luminaire Tested: P3AS09R25W2N902765DE010 E3PHLP1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

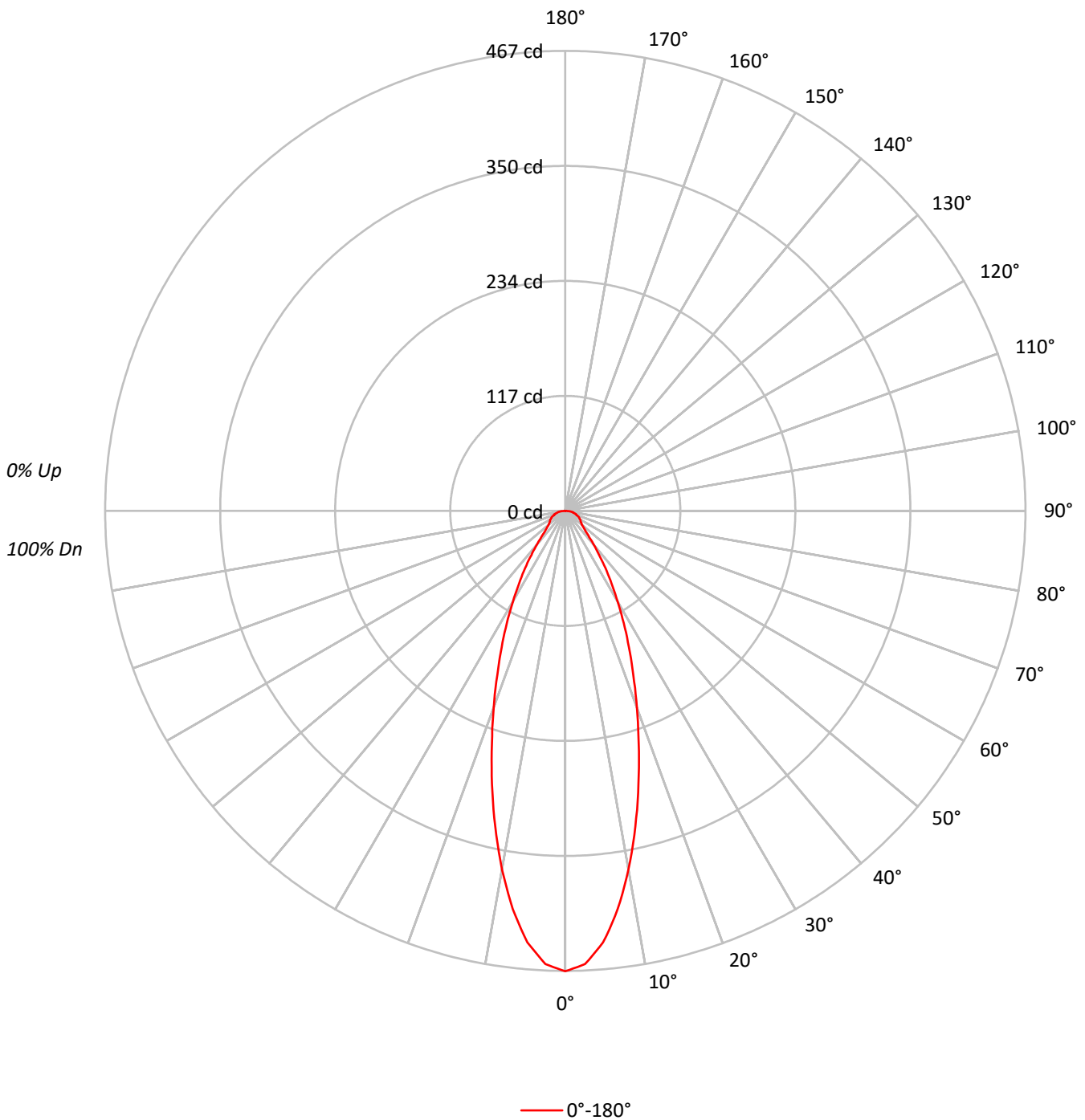
Test Method: LM-79-2019  
Report Number: P1292496  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R25W2N902765DE010 E3PHLP1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 305.0 lumens  
Efficiency: N/A  
Efficacy: 33.9 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	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	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

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

	0°
0°	102470
5°	96830
10°	82296
15°	65176
20°	49541
25°	36946
30°	26865
35°	19006
40°	12910
45°	8993
50°	7539
55°	7302
60°	7719
65°	7939
70°	7822
75°	8388
80°	9597
85°	9561

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 10248 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.7	13.0
10°-20°	79.5	26.1
20°-30°	70.4	23.1
30°-40°	44.8	14.7
40°-50°	23.7	7.8
50°-60°	17.4	5.7
60°-70°	14.8	4.9
70°-80°	10.5	3.4
80°-90°	4.1	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°	189.5	62.2
0°-40°	234.4	76.9
0°-60°	275.5	90.3
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	467	
5°	440	40
15°	287	79
25°	153	70
35°	71	45
45°	29	24
55°	19	17
65°	15	15
75°	10	10
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	467.3
2.5°	460.5
5°	439.9
7.5°	407.8
10°	369.6
12.5°	328.4
15°	287.1
17.5°	247.4
20°	212.3
22.5°	180.2
25°	152.7
27.5°	128.3
30°	106.1
32.5°	87.1
35°	71.0
37.5°	56.5
40°	45.1
42.5°	35.9
45°	29.0
47.5°	25.2
50°	22.1
52.5°	20.6
55°	19.1
57.5°	18.3
60°	17.6
62.5°	16.0
65°	15.3
67.5°	13.7
70°	12.2
72.5°	11.5
75°	9.9
77.5°	8.4
80°	7.6
82.5°	6.1
85°	3.8
87.5°	1.5
90°	0.0

(END OF REPORT)