

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: P1299896

Luminaire Tested: P3AS17R25W2N902750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

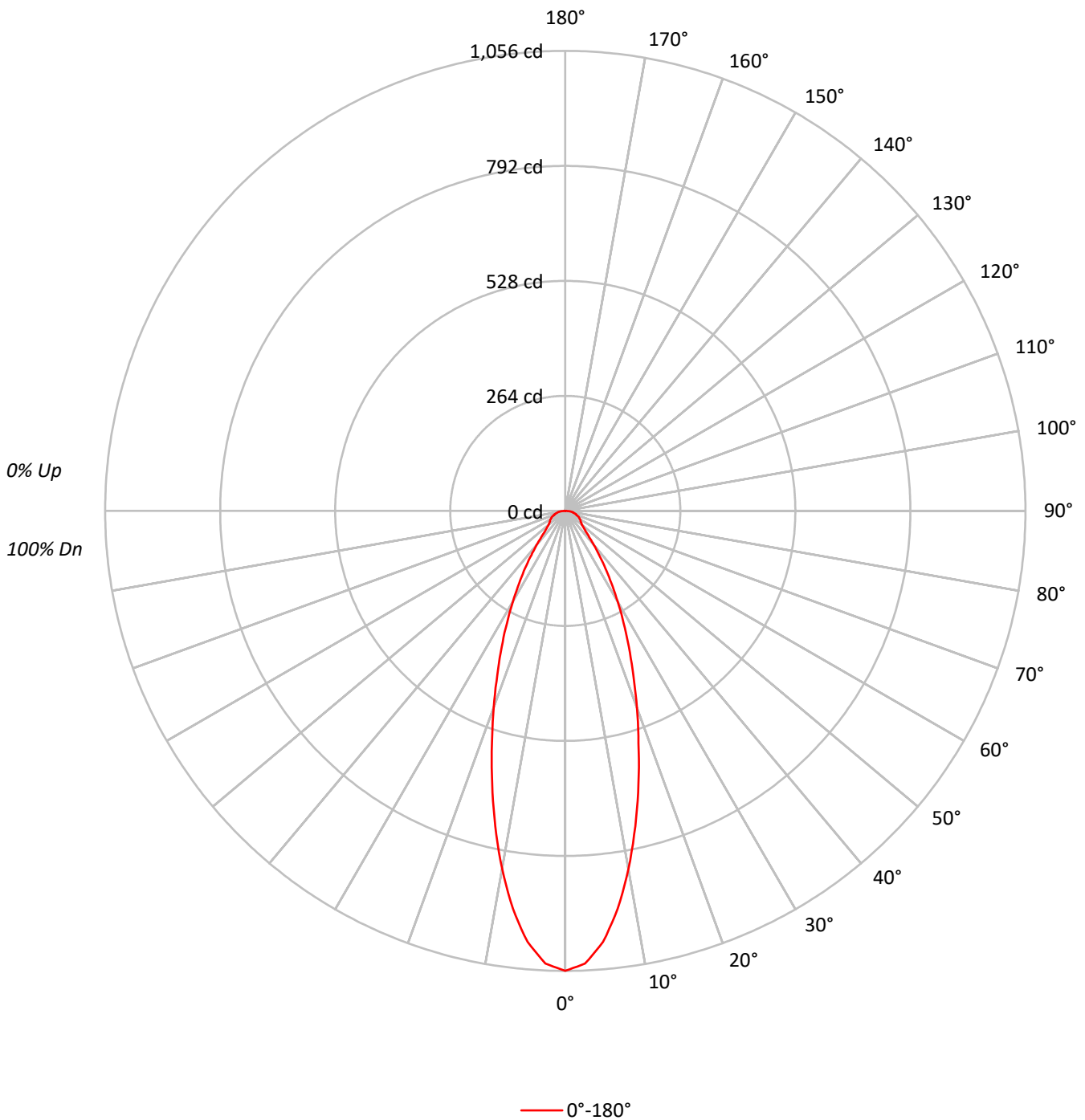
Test Method: LM-79-2019  
Report Number: P1299896  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R25W2N902750DE010 E3PHLP1MW\_3000K  
Description: 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: 689.0 lumens  
Efficiency: N/A  
Efficacy: 35.5 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): 19.4  
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°	231495
5°	218710
10°	185902
15°	147243
20°	111916
25°	83473
30°	60718
35°	42938
40°	29140
45°	20343
50°	17057
55°	16477
60°	17411
65°	17901
70°	17695
75°	18978
80°	21846
85°	21637

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 23184 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.7	13.0
10°-20°	179.5	26.1
20°-30°	159.0	23.1
30°-40°	101.3	14.7
40°-50°	53.6	7.8
50°-60°	39.4	5.7
60°-70°	33.5	4.9
70°-80°	23.7	3.4
80°-90°	9.4	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°	428.2	62.1
0°-40°	529.5	76.8
0°-60°	622.4	90.3
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1056	
5°	994	90
15°	649	180
25°	345	159
35°	160	101
45°	66	54
55°	43	39
65°	34	34
75°	22	24
85°	9	9
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1055.7
2.5°	1040.2
5°	993.6
7.5°	921.2
10°	834.9
12.5°	741.8
15°	648.6
17.5°	558.9
20°	479.6
22.5°	407.1
25°	345.0
27.5°	289.8
30°	239.8
32.5°	196.7
35°	160.4
37.5°	127.7
40°	101.8
42.5°	81.1
45°	65.6
47.5°	56.9
50°	50.0
52.5°	46.6
55°	43.1
57.5°	41.4
60°	39.7
62.5°	36.2
65°	34.5
67.5°	31.1
70°	27.6
72.5°	25.9
75°	22.4
77.5°	19.0
80°	17.3
82.5°	13.8
85°	8.6
87.5°	3.5
90°	0.0

(END OF REPORT)