

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: P1288862

Luminaire Tested: P3AS05R30W2N902750DE010 E3PHLP1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

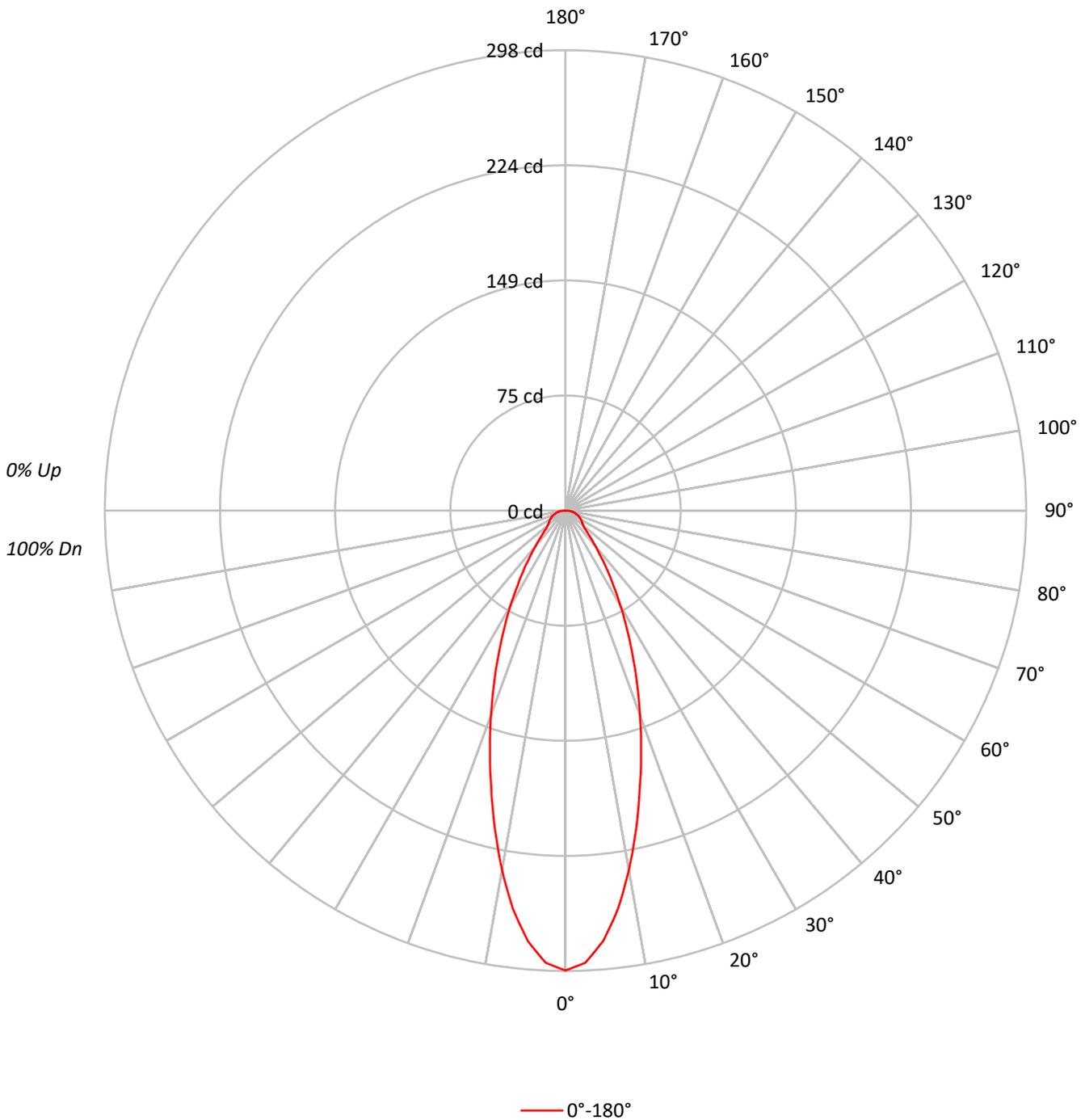
Test Method: LM-79-2019  
Report Number: P1288862  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R30W2N902750DE010 E3PHLP1MW\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 201.0 lumens  
Efficiency: N/A  
Efficacy: 34.1 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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	94	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	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

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

	0°
0°	65258
5°	61545
10°	52593
15°	42157
20°	32856
25°	24703
30°	18028
35°	12715
40°	8702
45°	6233
50°	5117
55°	4932
60°	4956
65°	5085
70°	5321
75°	5676
80°	5809
85°	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 6888 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.3	12.6
10°-20°	51.6	25.7
20°-30°	47.0	23.4
30°-40°	29.9	14.9
40°-50°	16.0	8.0
50°-60°	11.7	5.8
60°-70°	9.8	4.9
70°-80°	6.9	3.4
80°-90°	2.7	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°	123.9	61.6
0°-40°	153.8	76.5
0°-60°	181.6	90.3
0°-90°	201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	201.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	298	
5°	280	25
15°	186	52
25°	102	47
35°	48	30
45°	20	16
55°	13	12
65°	10	10
75°	7	7
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	297.6
2.5°	293.0
5°	279.6
7.5°	260.0
10°	236.2
12.5°	211.0
15°	185.7
17.5°	162.5
20°	140.8
22.5°	120.7
25°	102.1
27.5°	85.6
30°	71.2
32.5°	57.8
35°	47.5
37.5°	37.7
40°	30.4
42.5°	24.2
45°	20.1
47.5°	16.5
50°	15.0
52.5°	13.9
55°	12.9
57.5°	12.4
60°	11.3
62.5°	10.8
65°	9.8
67.5°	9.3
70°	8.3
72.5°	7.2
75°	6.7
77.5°	5.7
80°	4.6
82.5°	4.1
85°	2.6
87.5°	1.0
90°	0.0

(END OF REPORT)