

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: P1288866

Luminaire Tested: P3A05R30W2N902750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288866
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: P3A05R30W2N902750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

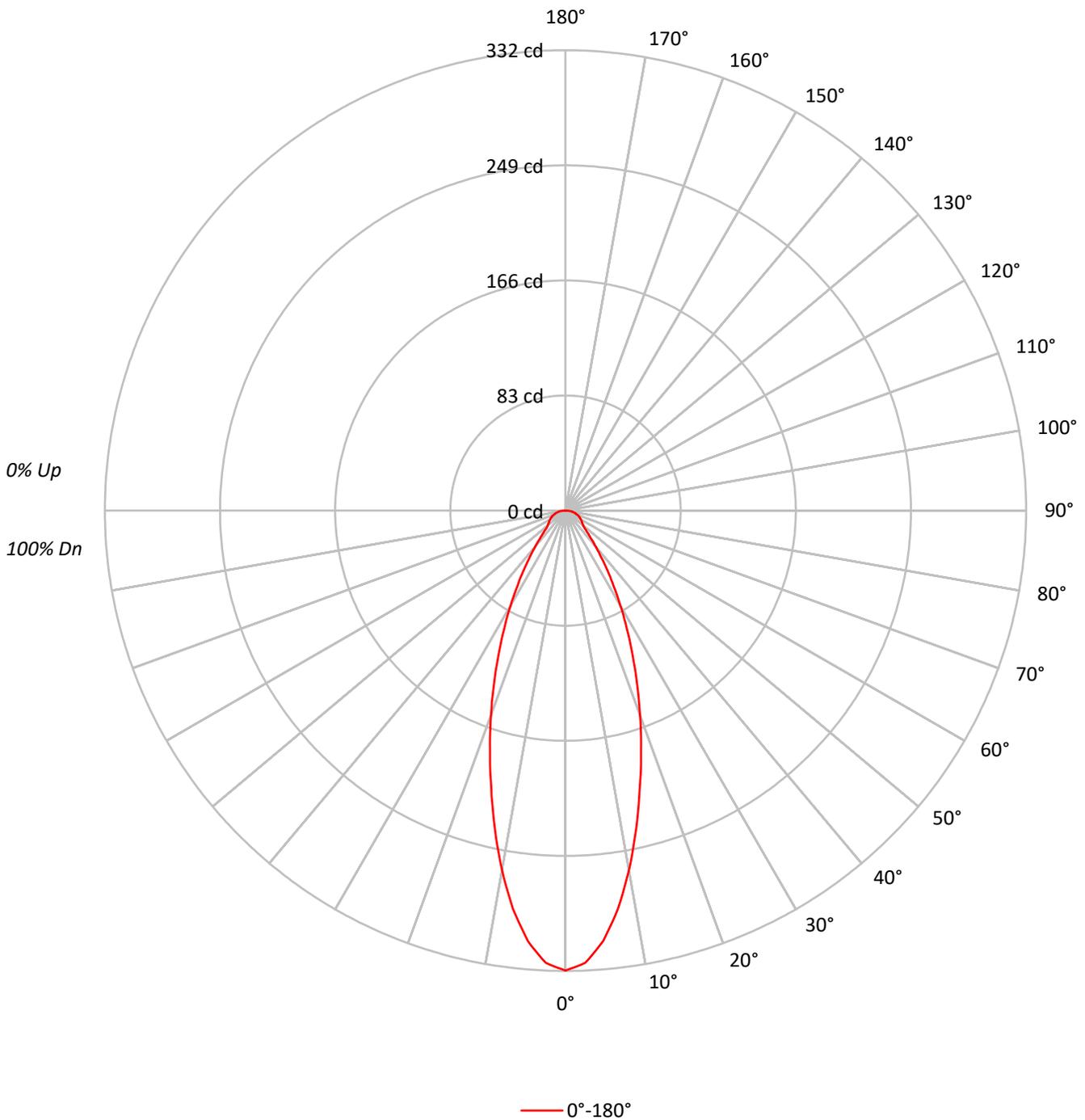
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 224.0 lumens
Efficiency: N/A
Efficacy: 38.0 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		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	94	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	96	89	84	80	87	82	78	84	80	77	82	79	76		74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70		68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65		63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60		59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56		55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53		51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50		49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72735
5°	68589
10°	58627
15°	46970
20°	36613
25°	27534
30°	20079
35°	14161
40°	9704
45°	6946
50°	5697
55°	5505
60°	5526
65°	5656
70°	5898
75°	6354
80°	6566
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 7728 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	12.6
10°-20°	57.5	25.7
20°-30°	52.4	23.4
30°-40°	33.4	14.9
40°-50°	17.8	8.0
50°-60°	13.1	5.8
60°-70°	10.9	4.9
70°-80°	7.7	3.4
80°-90°	3.0	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°	138.1	61.6
0°-40°	171.4	76.5
0°-60°	202.3	90.3
0°-90°	224.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	224.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	332	
5°	312	28
15°	207	58
25°	114	52
35°	53	33
45°	22	18
55°	14	13
65°	11	11
75°	8	8
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	331.7
2.5°	326.5
5°	311.6
7.5°	289.7
10°	263.3
12.5°	235.1
15°	206.9
17.5°	181.1
20°	156.9
22.5°	134.5
25°	113.8
27.5°	95.4
30°	79.3
32.5°	64.4
35°	52.9
37.5°	42.0
40°	33.9
42.5°	27.0
45°	22.4
47.5°	18.4
50°	16.7
52.5°	15.5
55°	14.4
57.5°	13.8
60°	12.6
62.5°	12.1
65°	10.9
67.5°	10.3
70°	9.2
72.5°	8.0
75°	7.5
77.5°	6.3
80°	5.2
82.5°	4.6
85°	2.9
87.5°	1.1
90°	0.0

(END OF REPORT)