

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: P1288863

Luminaire Tested: P3A05R30W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288863
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

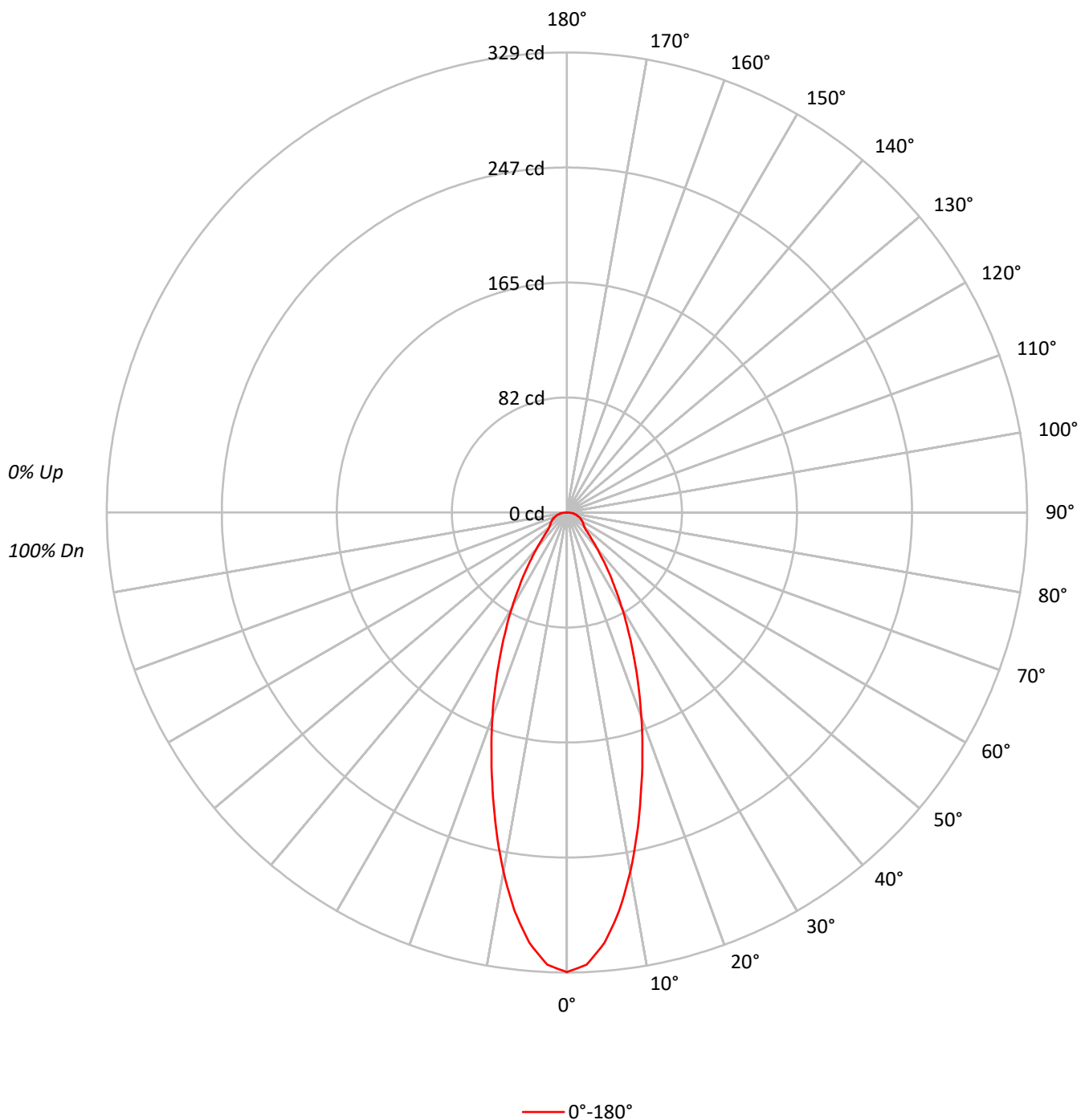
Lumens per Lamp: N/A
Luminaire Lumens: 222.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	72078
5°	67973
10°	58093
15°	46561
20°	36286
25°	27292
30°	19902
35°	14027
40°	9618
45°	6884
50°	5629
55°	5429
60°	5482
65°	5604
70°	5834
75°	6270
80°	6440
85°	7045

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°	27.9	12.6
10°-20°	57.0	25.7
20°-30°	51.9	23.4
30°-40°	33.0	14.9
40°-50°	17.7	8.0
50°-60°	12.9	5.8
60°-70°	10.9	4.9
70°-80°	7.6	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°	136.9	61.6
0°-40°	169.9	76.5
0°-60°	200.5	90.3
0°-90°	222.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	222.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	329	
5°	309	28
15°	205	57
25°	113	52
35°	52	33
45°	22	18
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	328.7
2.5°	323.6
5°	308.8
7.5°	287.1
10°	260.9
12.5°	233.0
15°	205.1
17.5°	179.5
20°	155.5
22.5°	133.3
25°	112.8
27.5°	94.6
30°	78.6
32.5°	63.8
35°	52.4
37.5°	41.6
40°	33.6
42.5°	26.8
45°	22.2
47.5°	18.2
50°	16.5
52.5°	15.4
55°	14.2
57.5°	13.7
60°	12.5
62.5°	12.0
65°	10.8
67.5°	10.3
70°	9.1
72.5°	8.0
75°	7.4
77.5°	6.3
80°	5.1
82.5°	4.6
85°	2.8
87.5°	1.1
90°	0.0

(END OF REPORT)