

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: P1289053

Luminaire Tested: P3AS05R30W2N902765DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289053
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: P3AS05R30W2N902765DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

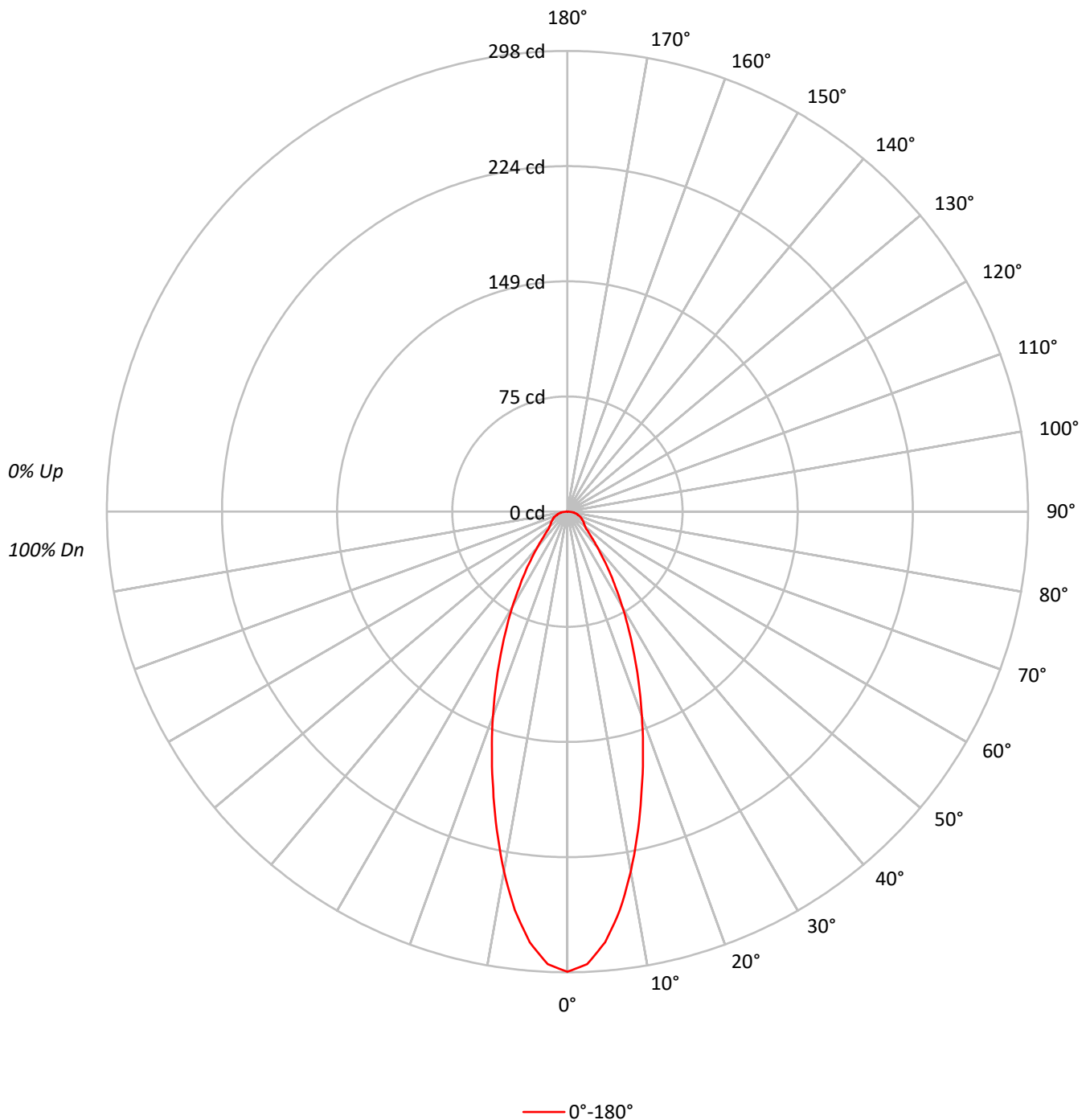
Lumens per Lamp: N/A
Luminaire Lumens: 201.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

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)