

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: P1288864

Luminaire Tested: P3A05R30W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288864
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

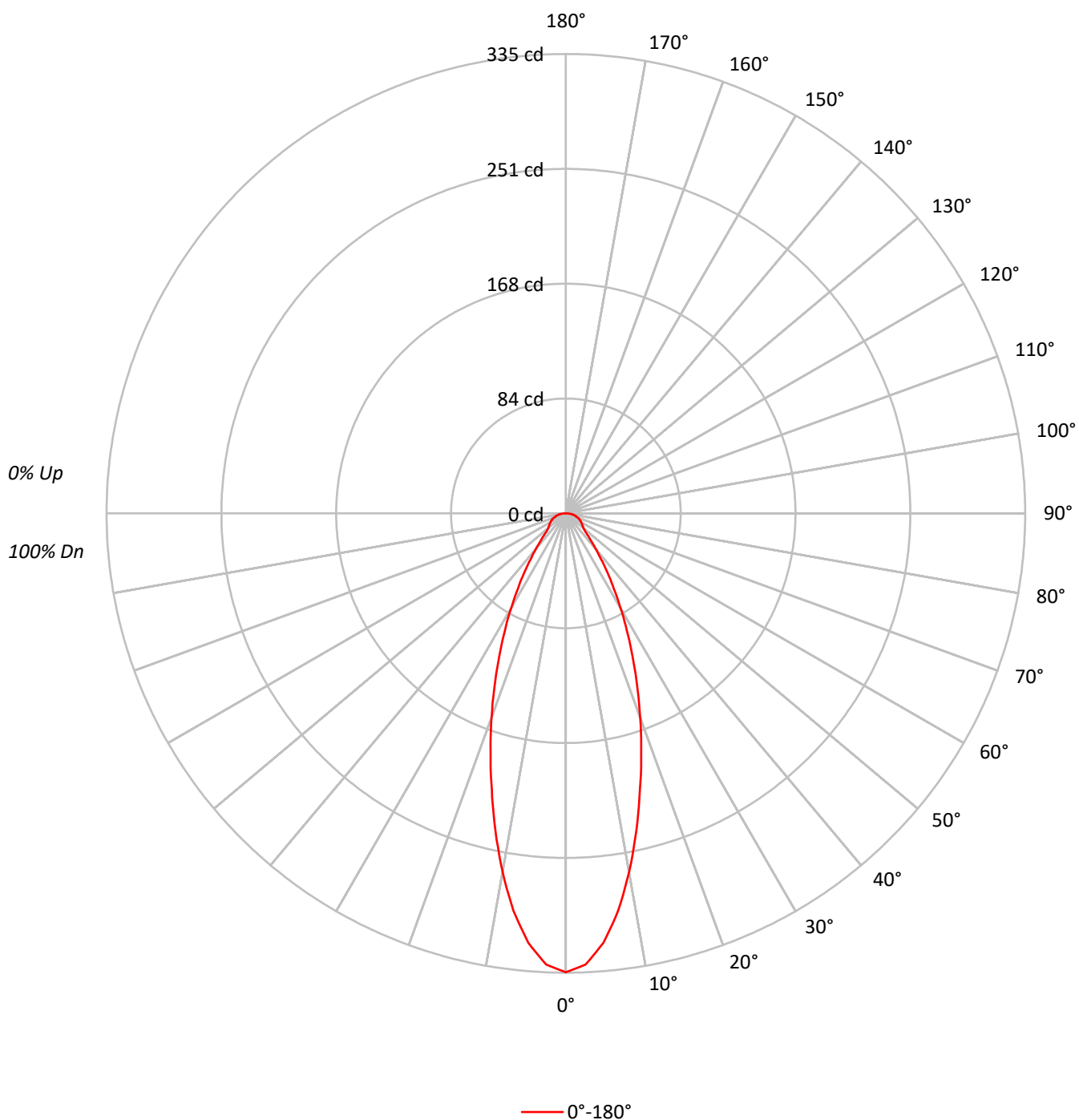
Lumens per Lamp: N/A
Luminaire Lumens: 226.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
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	75	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	57	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°	73371
5°	69183
10°	59139
15°	47401
20°	36940
25°	27776
30°	20256
35°	14295
40°	9790
45°	7008
50°	5731
55°	5543
60°	5614
65°	5707
70°	5963
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°	28.4	12.6
10°-20°	58.0	25.7
20°-30°	52.9	23.4
30°-40°	33.6	14.9
40°-50°	18.0	8.0
50°-60°	13.2	5.8
60°-70°	11.1	4.9
70°-80°	7.7	3.4
80°-90°	3.1	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°	139.3	61.6
0°-40°	173.0	76.5
0°-60°	204.1	90.3
0°-90°	226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	335	
5°	314	28
15°	209	58
25°	115	53
35°	53	34
45°	23	18
55°	14	13
65°	11	11
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	334.6
2.5°	329.4
5°	314.3
7.5°	292.3
10°	265.6
12.5°	237.2
15°	208.8
17.5°	182.7
20°	158.3
22.5°	135.7
25°	114.8
27.5°	96.3
30°	80.0
32.5°	65.0
35°	53.4
37.5°	42.3
40°	34.2
42.5°	27.3
45°	22.6
47.5°	18.6
50°	16.8
52.5°	15.7
55°	14.5
57.5°	13.9
60°	12.8
62.5°	12.2
65°	11.0
67.5°	10.4
70°	9.3
72.5°	8.1
75°	7.5
77.5°	6.4
80°	5.2
82.5°	4.6
85°	2.9
87.5°	1.2
90°	0.0

(END OF REPORT)