

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: P1296453

Luminaire Tested: P3A13R30W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296453
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: P3A13R30W2N902750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

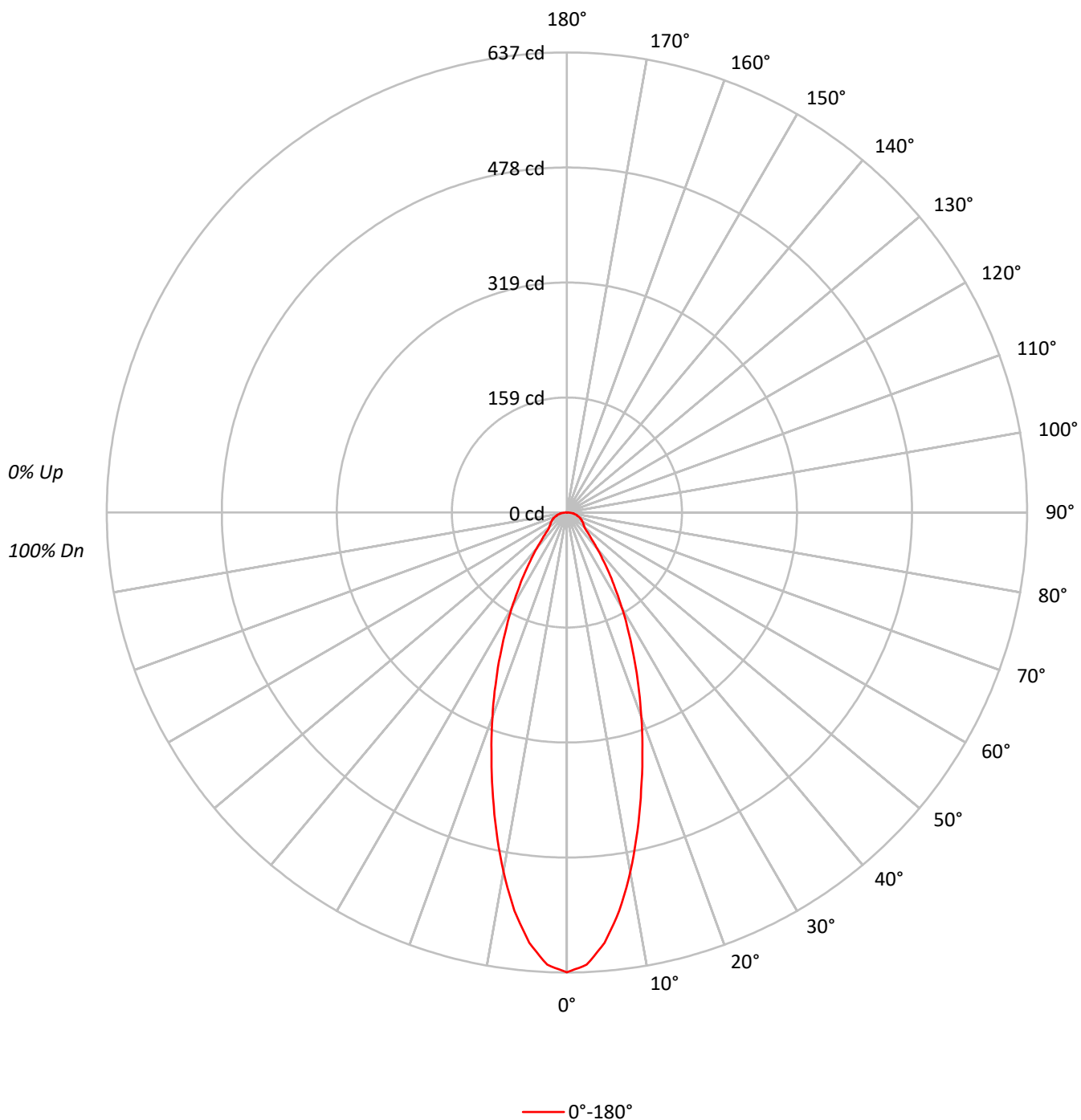
Lumens per Lamp: N/A
Luminaire Lumens: 430.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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	57	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°	139616
5°	131653
10°	112534
15°	90171
20°	70286
25°	52866
30°	38563
35°	27171
40°	18635
45°	13335
50°	10916
55°	10552
60°	10657
65°	10896
70°	11348
75°	12115
80°	12502
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	12.6
10°-20°	110.4	25.7
20°-30°	100.6	23.4
30°-40°	64.0	14.9
40°-50°	34.3	8.0
50°-60°	25.1	5.8
60°-70°	21.1	4.9
70°-80°	14.7	3.4
80°-90°	5.8	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°	265.1	61.6
0°-40°	329.1	76.5
0°-60°	388.4	90.3
0°-90°	430.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	430.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	637	
5°	598	54
15°	397	110
25°	218	101
35°	102	64
45°	43	34
55°	28	25
65°	21	21
75°	14	15
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	636.7
2.5°	626.8
5°	598.1
7.5°	556.1
10°	505.4
12.5°	451.3
15°	397.2
17.5°	347.6
20°	301.2
22.5°	258.2
25°	218.5
27.5°	183.2
30°	152.3
32.5°	123.6
35°	101.5
37.5°	80.6
40°	65.1
42.5°	51.9
45°	43.0
47.5°	35.3
50°	32.0
52.5°	29.8
55°	27.6
57.5°	26.5
60°	24.3
62.5°	23.2
65°	21.0
67.5°	19.9
70°	17.7
72.5°	15.4
75°	14.3
77.5°	12.1
80°	9.9
82.5°	8.8
85°	5.5
87.5°	2.2
90°	0.0

(END OF REPORT)