

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: P1296648

Luminaire Tested: P3A13R30W2N902765DE010 E3PHLP1MW_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296648
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: P3A13R30W2N902765DE010 E3PHLP1MW_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 6500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

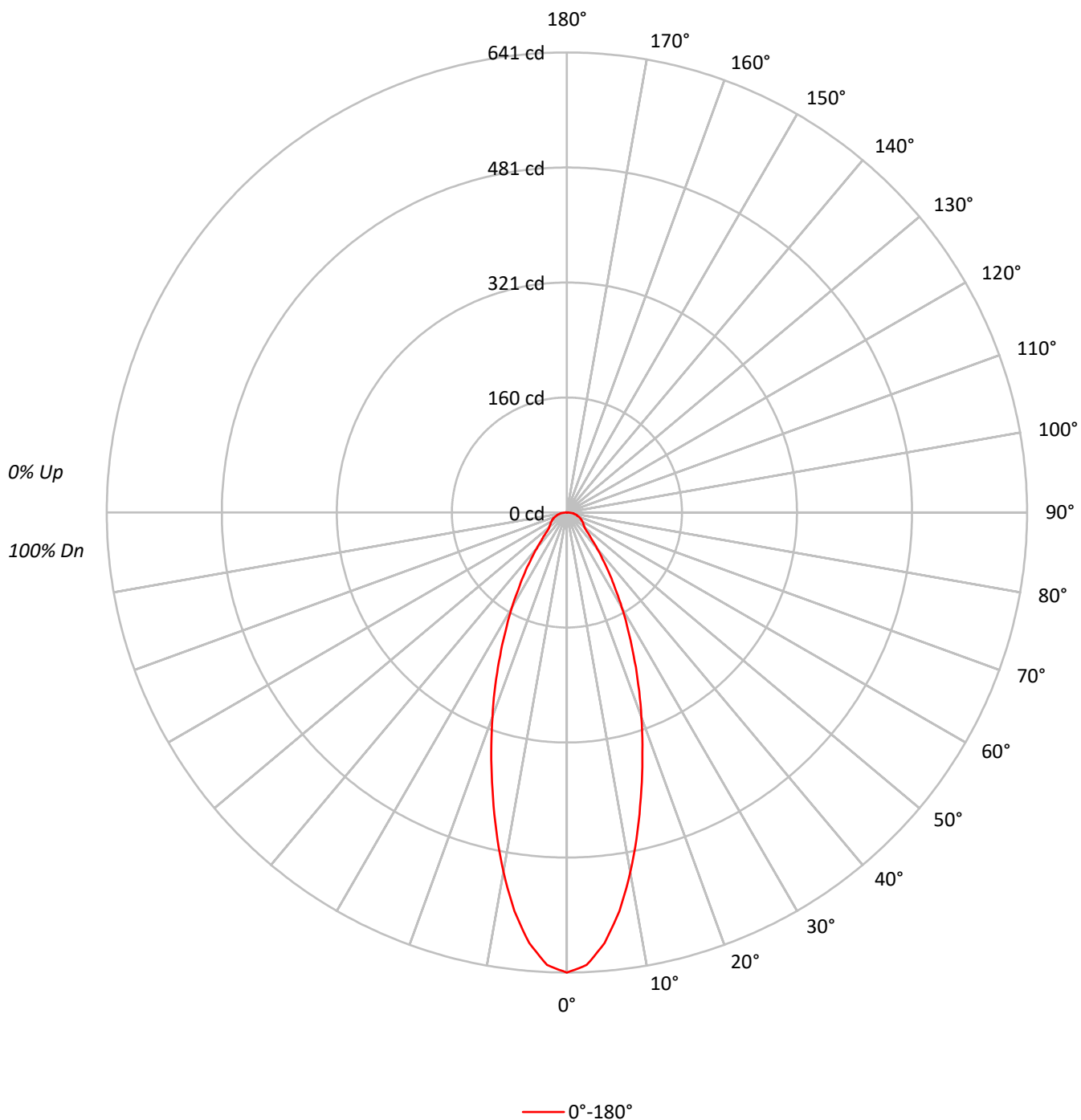
Lumens per Lamp: N/A
Luminaire Lumens: 433.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	75	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°	140581
5°	132555
10°	113313
15°	90806
20°	70776
25°	53229
30°	38816
35°	27358
40°	18778
45°	13428
50°	10985
55°	10628
60°	10701
65°	10948
70°	11412
75°	12200
80°	12628
85°	14089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14952 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.5	12.6
10°-20°	111.2	25.7
20°-30°	101.3	23.4
30°-40°	64.4	14.9
40°-50°	34.5	8.0
50°-60°	25.2	5.8
60°-70°	21.2	4.9
70°-80°	14.8	3.4
80°-90°	5.9	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°	266.9	61.6
0°-40°	331.3	76.5
0°-60°	391.1	90.3
0°-90°	433.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	433.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	641	
5°	602	54
15°	400	111
25°	220	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°	641.1
2.5°	631.1
5°	602.2
7.5°	560.0
10°	508.9
12.5°	454.5
15°	400.0
17.5°	350.0
20°	303.3
22.5°	260.0
25°	220.0
27.5°	184.4
30°	153.3
32.5°	124.4
35°	102.2
37.5°	81.1
40°	65.6
42.5°	52.2
45°	43.3
47.5°	35.6
50°	32.2
52.5°	30.0
55°	27.8
57.5°	26.7
60°	24.4
62.5°	23.3
65°	21.1
67.5°	20.0
70°	17.8
72.5°	15.6
75°	14.4
77.5°	12.2
80°	10.0
82.5°	8.9
85°	5.6
87.5°	2.2
90°	0.0

(END OF REPORT)