

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: P1264669

Luminaire Tested: P3A09R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264669
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: P3A09R309730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

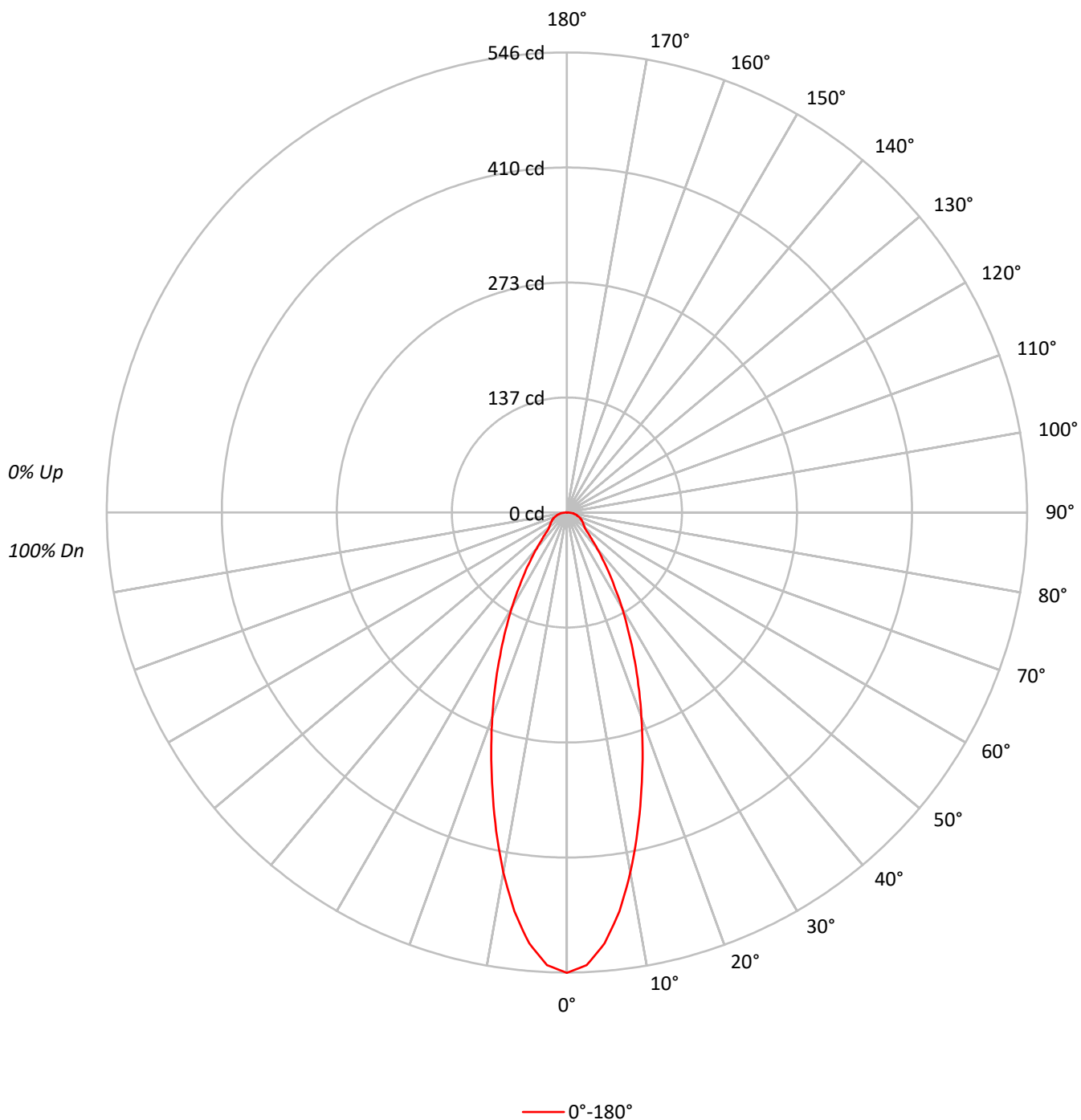
Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	119815
5°	112965
10°	96569
15°	77390
20°	60322
25°	45366
30°	33094
35°	23316
40°	16001
45°	11443
50°	9381
55°	9061
60°	9122
65°	9340
70°	9745
75°	10421
80°	10734
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	12.6
10°-20°	94.7	25.7
20°-30°	86.3	23.4
30°-40°	54.9	14.9
40°-50°	29.4	8.0
50°-60°	21.5	5.8
60°-70°	18.1	4.9
70°-80°	12.6	3.4
80°-90°	5.0	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°	227.5	61.6
0°-40°	282.4	76.5
0°-60°	333.3	90.3
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	546	
5°	513	46
15°	341	95
25°	188	86
35°	87	55
45°	37	29
55°	24	22
65°	18	18
75°	12	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	546.4
2.5°	537.8
5°	513.2
7.5°	477.2
10°	433.7
12.5°	387.3
15°	340.9
17.5°	298.3
20°	258.5
22.5°	221.6
25°	187.5
27.5°	157.2
30°	130.7
32.5°	106.1
35°	87.1
37.5°	69.1
40°	55.9
42.5°	44.5
45°	36.9
47.5°	30.3
50°	27.5
52.5°	25.6
55°	23.7
57.5°	22.7
60°	20.8
62.5°	19.9
65°	18.0
67.5°	17.0
70°	15.2
72.5°	13.3
75°	12.3
77.5°	10.4
80°	8.5
82.5°	7.6
85°	4.7
87.5°	1.9
90°	0.0

(END OF REPORT)