

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: P1268638

Luminaire Tested: P3A02R309740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268638
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: P3A02R309740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

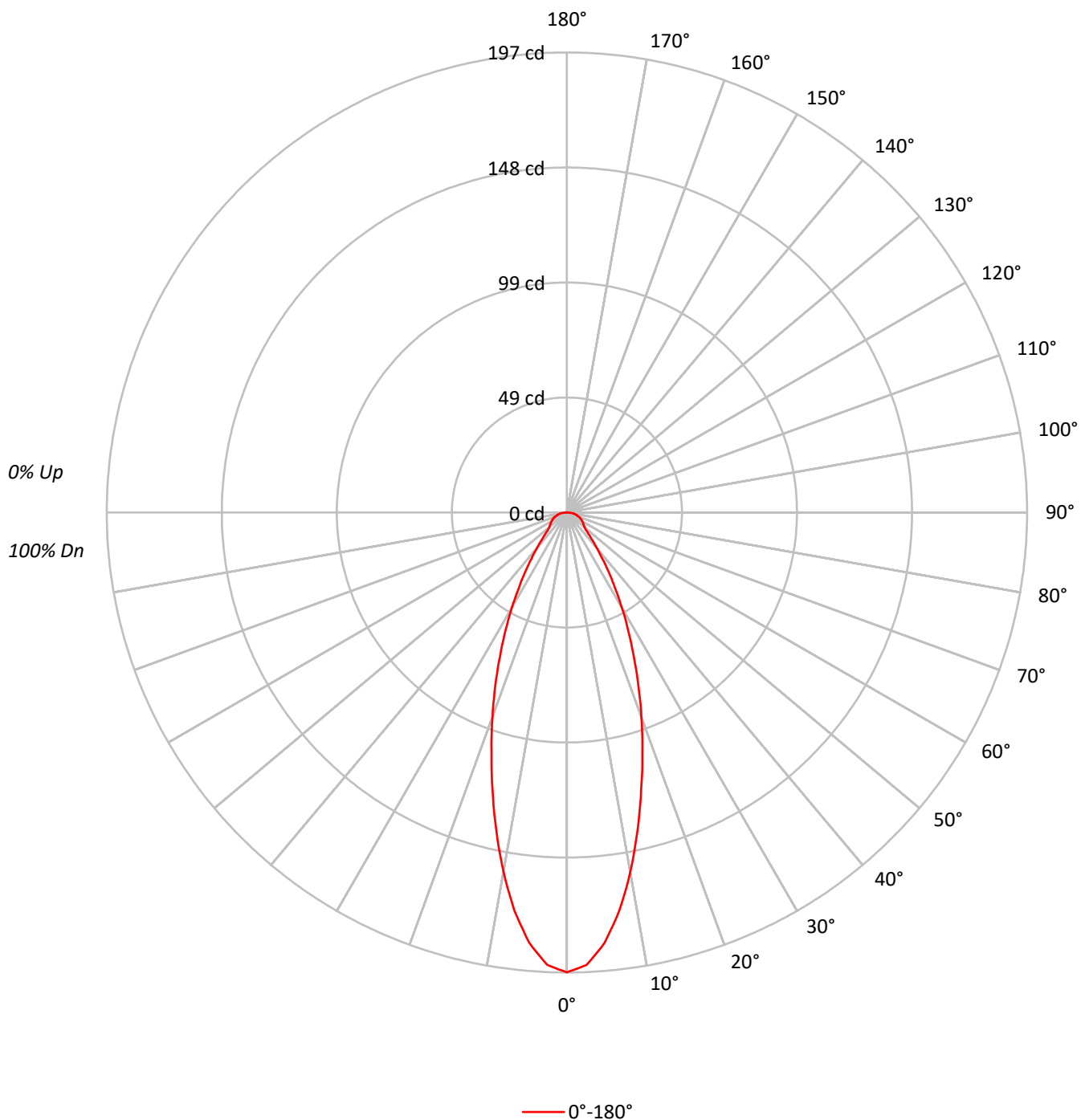
Lumens per Lamp: N/A
Luminaire Lumens: 133.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	43176
5°	40722
10°	34802
15°	27900
20°	21749
25°	16356
30°	11926
35°	8406
40°	5754
45°	4124
50°	3377
55°	3250
60°	3289
65°	3373
70°	3526
75°	3728
80°	3915
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	12.6
10°-20°	34.1	25.7
20°-30°	31.1	23.4
30°-40°	19.8	14.9
40°-50°	10.6	8.0
50°-60°	7.7	5.8
60°-70°	6.5	4.9
70°-80°	4.6	3.4
80°-90°	1.8	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°	82.0	61.7
0°-40°	101.8	76.5
0°-60°	120.1	90.3
0°-90°	133.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	133.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	197	
5°	185	17
15°	123	34
25°	68	31
35°	31	20
45°	13	11
55°	8	8
65°	6	7
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	196.9
2.5°	193.9
5°	185.0
7.5°	172.0
10°	156.3
12.5°	139.6
15°	122.9
17.5°	107.5
20°	93.2
22.5°	79.9
25°	67.6
27.5°	56.7
30°	47.1
32.5°	38.2
35°	31.4
37.5°	24.9
40°	20.1
42.5°	16.0
45°	13.3
47.5°	10.9
50°	9.9
52.5°	9.2
55°	8.5
57.5°	8.2
60°	7.5
62.5°	7.2
65°	6.5
67.5°	6.1
70°	5.5
72.5°	4.8
75°	4.4
77.5°	3.8
80°	3.1
82.5°	2.7
85°	1.7
87.5°	0.7
90°	0.0

(END OF REPORT)