

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: P1272971

Luminaire Tested: P3A02R259830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272971
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R259830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

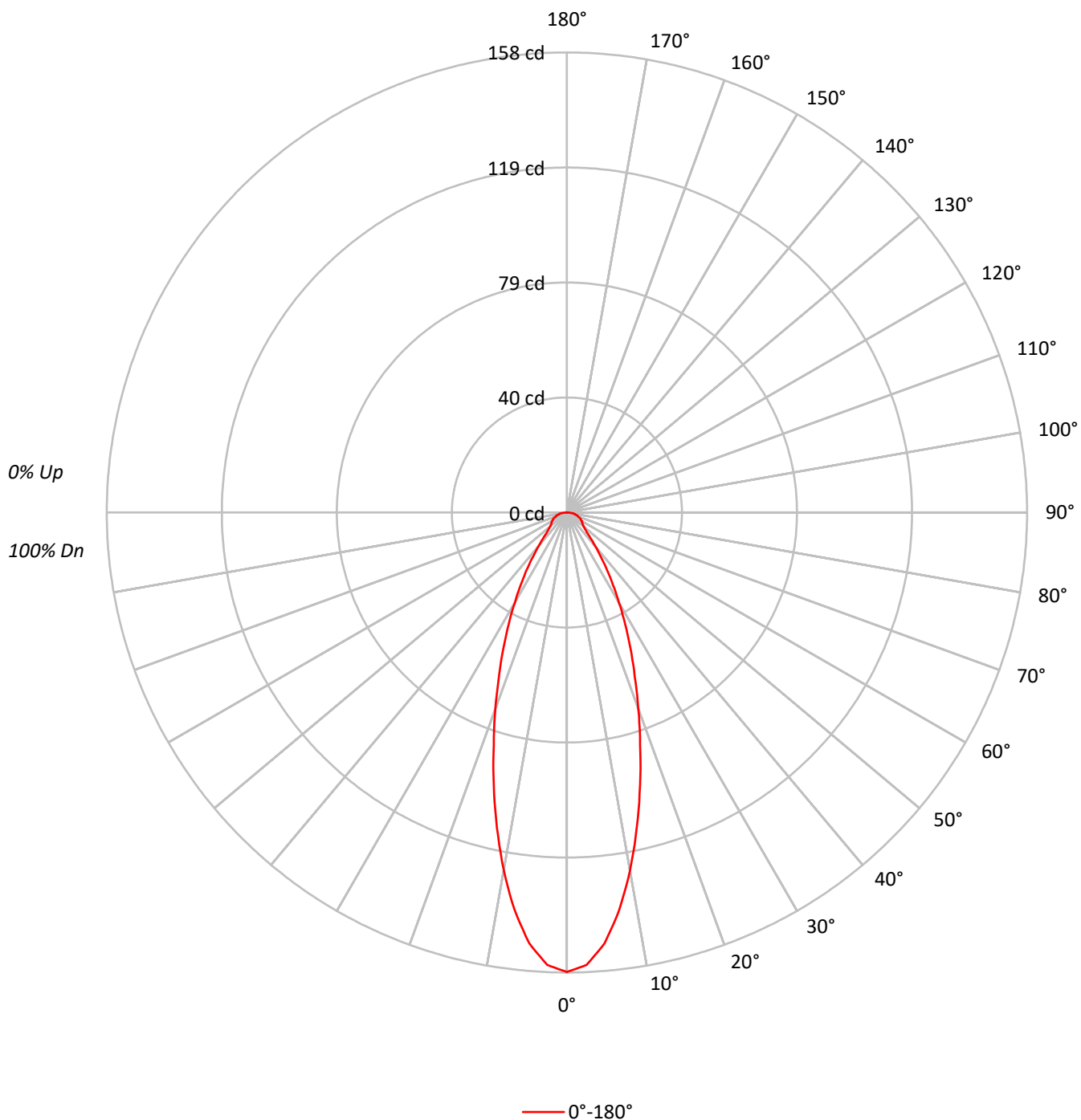
Lumens per Lamp: N/A
Luminaire Lumens: 103.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34602
5°	32688
10°	27788
15°	22021
20°	16731
25°	12485
30°	9065
35°	6425
40°	4351
45°	3039
50°	2559
55°	2447
60°	2588
65°	2698
70°	2629
75°	2881
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	13.0
10°-20°	26.8	26.1
20°-30°	23.8	23.1
30°-40°	15.1	14.7
40°-50°	8.0	7.8
50°-60°	5.9	5.7
60°-70°	5.0	4.9
70°-80°	3.6	3.4
80°-90°	1.4	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°	64.0	62.1
0°-40°	79.2	76.8
0°-60°	93.0	90.3
0°-90°	103.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	103.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	158	
5°	148	13
15°	97	27
25°	52	24
35°	24	15
45°	10	8
55°	6	6
65°	5	5
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	157.8
2.5°	155.5
5°	148.5
7.5°	137.7
10°	124.8
12.5°	110.9
15°	97.0
17.5°	83.6
20°	71.7
22.5°	60.9
25°	51.6
27.5°	43.3
30°	35.8
32.5°	29.4
35°	24.0
37.5°	19.1
40°	15.2
42.5°	12.1
45°	9.8
47.5°	8.5
50°	7.5
52.5°	7.0
55°	6.4
57.5°	6.2
60°	5.9
62.5°	5.4
65°	5.2
67.5°	4.6
70°	4.1
72.5°	3.9
75°	3.4
77.5°	2.8
80°	2.6
82.5°	2.1
85°	1.3
87.5°	0.5
90°	0.0

(END OF REPORT)