

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: P1245709

Luminaire Tested: P3A02R309024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245709
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: P3A02R309024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

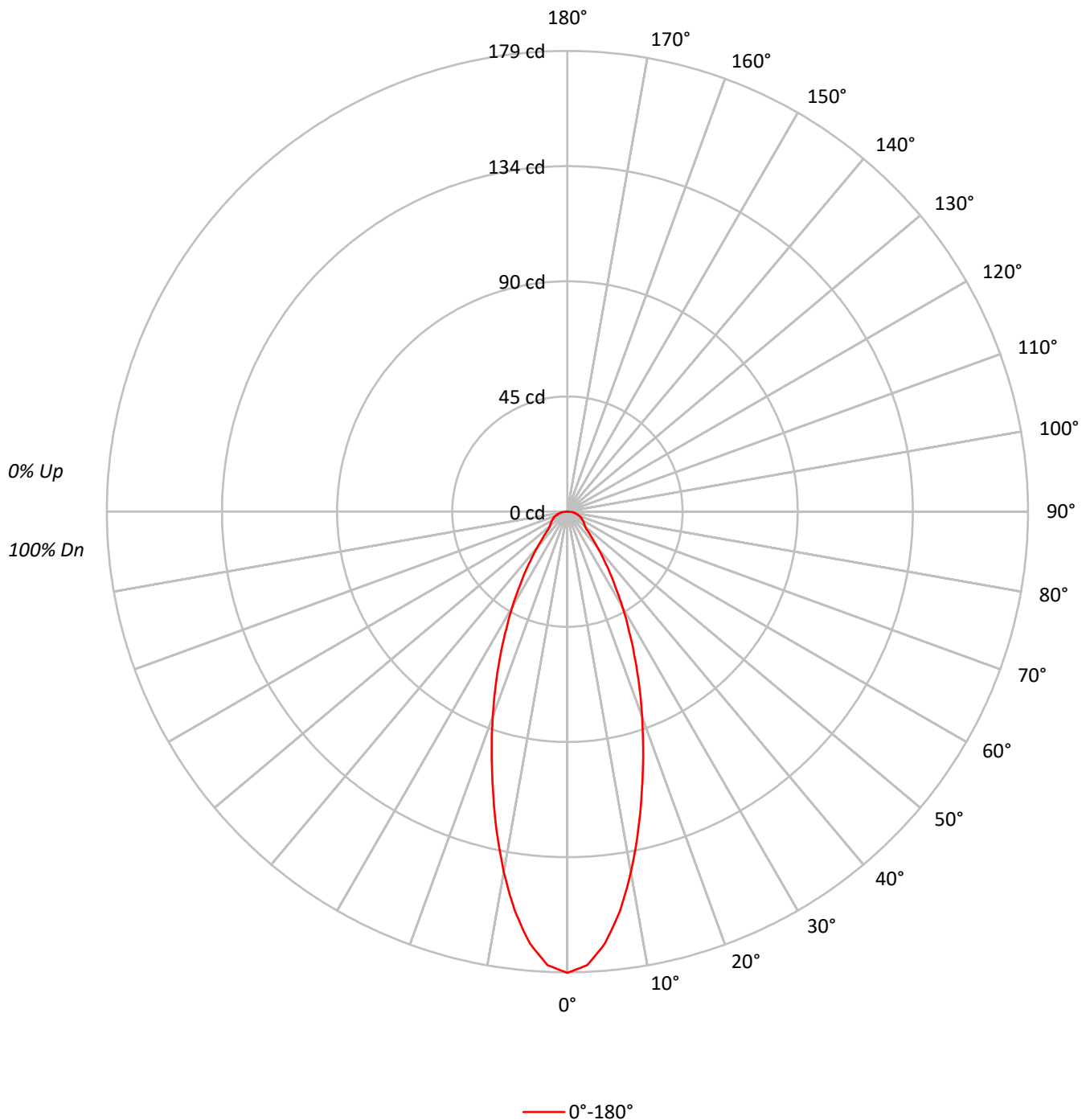
Lumens per Lamp: N/A
Luminaire Lumens: 121.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	39295
5°	37046
10°	31663
15°	25380
20°	19788
25°	14880
30°	10837
35°	7656
40°	5238
45°	3752
50°	3070
55°	2982
60°	2982
65°	3061
70°	3206
75°	3389
80°	3536
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4200 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	12.6
10°-20°	31.1	25.7
20°-30°	28.3	23.4
30°-40°	18.0	14.9
40°-50°	9.6	8.0
50°-60°	7.1	5.8
60°-70°	5.9	4.9
70°-80°	4.1	3.4
80°-90°	1.7	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°	74.6	61.6
0°-40°	92.6	76.5
0°-60°	109.3	90.3
0°-90°	121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	121.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	168	15
15°	112	31
25°	62	28
35°	29	18
45°	12	10
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	179.2
2.5°	176.4
5°	168.3
7.5°	156.5
10°	142.2
12.5°	127.0
15°	111.8
17.5°	97.8
20°	84.8
22.5°	72.7
25°	61.5
27.5°	51.5
30°	42.8
32.5°	34.8
35°	28.6
37.5°	22.7
40°	18.3
42.5°	14.6
45°	12.1
47.5°	9.9
50°	9.0
52.5°	8.4
55°	7.8
57.5°	7.5
60°	6.8
62.5°	6.5
65°	5.9
67.5°	5.6
70°	5.0
72.5°	4.3
75°	4.0
77.5°	3.4
80°	2.8
82.5°	2.5
85°	1.6
87.5°	0.6
90°	0.0

(END OF REPORT)