

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: P1247930

Luminaire Tested: P3AS02R109027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247930
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R109027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

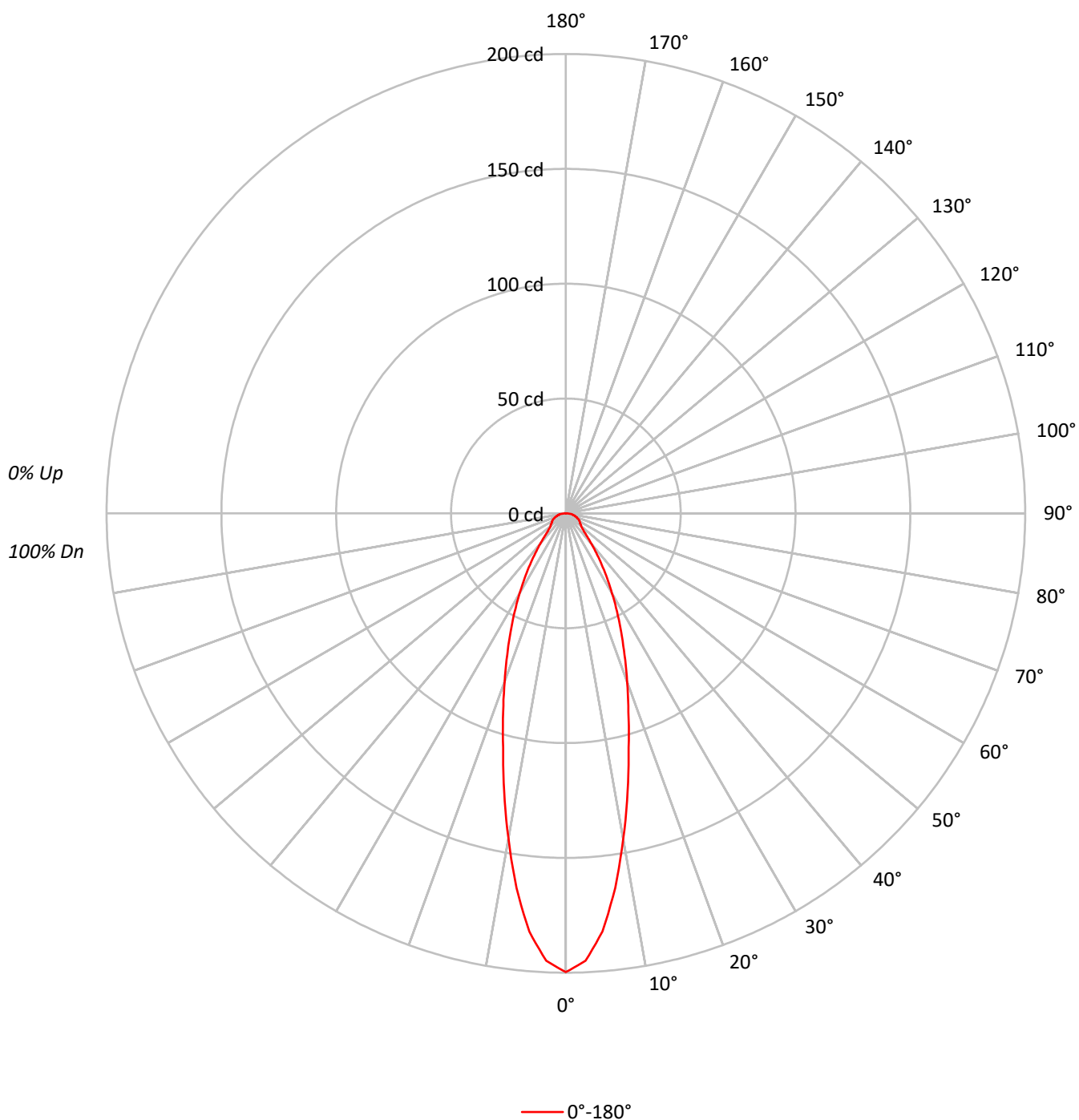
Lumens per Lamp: N/A
Luminaire Lumens: 116.9 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	72		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	43790
5°	40216
10°	32041
15°	23950
20°	18178
25°	13767
30°	10179
35°	7281
40°	4981
45°	3473
50°	2968
55°	2906
60°	3026
65°	3217
70°	3270
75°	3389
80°	3662
85°	3522

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°	16.2	13.8
10°-20°	29.6	25.3
20°-30°	26.2	22.4
30°-40°	17.2	14.7
40°-50°	9.2	7.8
50°-60°	6.9	5.9
60°-70°	6.0	5.1
70°-80°	4.1	3.5
80°-90°	1.6	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°	72.0	61.5
0°-40°	89.1	76.2
0°-60°	105.2	90.0
0°-90°	116.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	116.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	200	
5°	183	16
15°	106	30
25°	57	26
35°	27	17
45°	11	9
55°	8	7
65°	6	6
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	199.7
2.5°	195.0
5°	182.7
7.5°	164.5
10°	143.9
12.5°	124.0
15°	105.5
17.5°	90.6
20°	77.9
22.5°	66.7
25°	56.9
27.5°	48.2
30°	40.2
32.5°	33.3
35°	27.2
37.5°	21.7
40°	17.4
42.5°	13.8
45°	11.2
47.5°	9.8
50°	8.7
52.5°	8.3
55°	7.6
57.5°	7.2
60°	6.9
62.5°	6.5
65°	6.2
67.5°	5.4
70°	5.1
72.5°	4.3
75°	4.0
77.5°	3.3
80°	2.9
82.5°	2.5
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)