

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: P1268483

Luminaire Tested: P3AS02R109740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268483
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: P3AS02R109740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

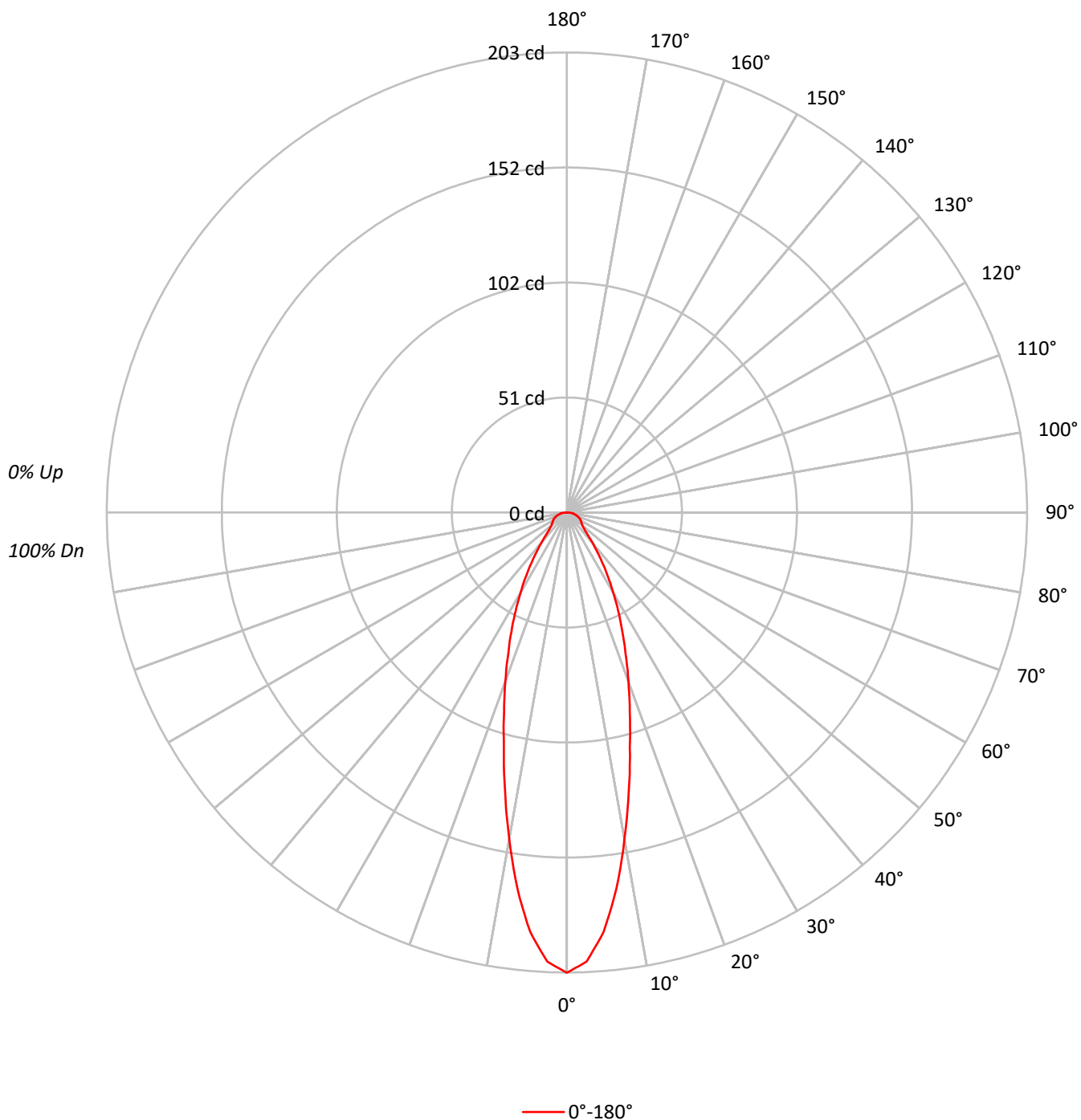
Lumens per Lamp: N/A
Luminaire Lumens: 119.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	44536
5°	40898
10°	32576
15°	24359
20°	18505
25°	14009
30°	10356
35°	7388
40°	5067
45°	3535
50°	3002
55°	2944
60°	3070
65°	3269
70°	3334
75°	3474
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4368 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	13.8
10°-20°	30.1	25.3
20°-30°	26.7	22.4
30°-40°	17.4	14.7
40°-50°	9.3	7.8
50°-60°	7.0	5.9
60°-70°	6.1	5.1
70°-80°	4.2	3.5
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°	73.2	61.5
0°-40°	90.6	76.2
0°-60°	107.0	90.0
0°-90°	119.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	119.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	203	
5°	186	16
15°	107	30
25°	58	27
35°	28	17
45°	11	9
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	203.1
2.5°	198.3
5°	185.8
7.5°	167.4
10°	146.3
12.5°	126.1
15°	107.3
17.5°	92.2
20°	79.3
22.5°	67.8
25°	57.9
27.5°	49.0
30°	40.9
32.5°	33.9
35°	27.6
37.5°	22.1
40°	17.7
42.5°	14.0
45°	11.4
47.5°	10.0
50°	8.8
52.5°	8.5
55°	7.7
57.5°	7.4
60°	7.0
62.5°	6.6
65°	6.3
67.5°	5.5
70°	5.2
72.5°	4.4
75°	4.1
77.5°	3.3
80°	2.9
82.5°	2.6
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)