

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: P1263880

Luminaire Tested: P3AS02R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263880
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: P3AS02R309730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

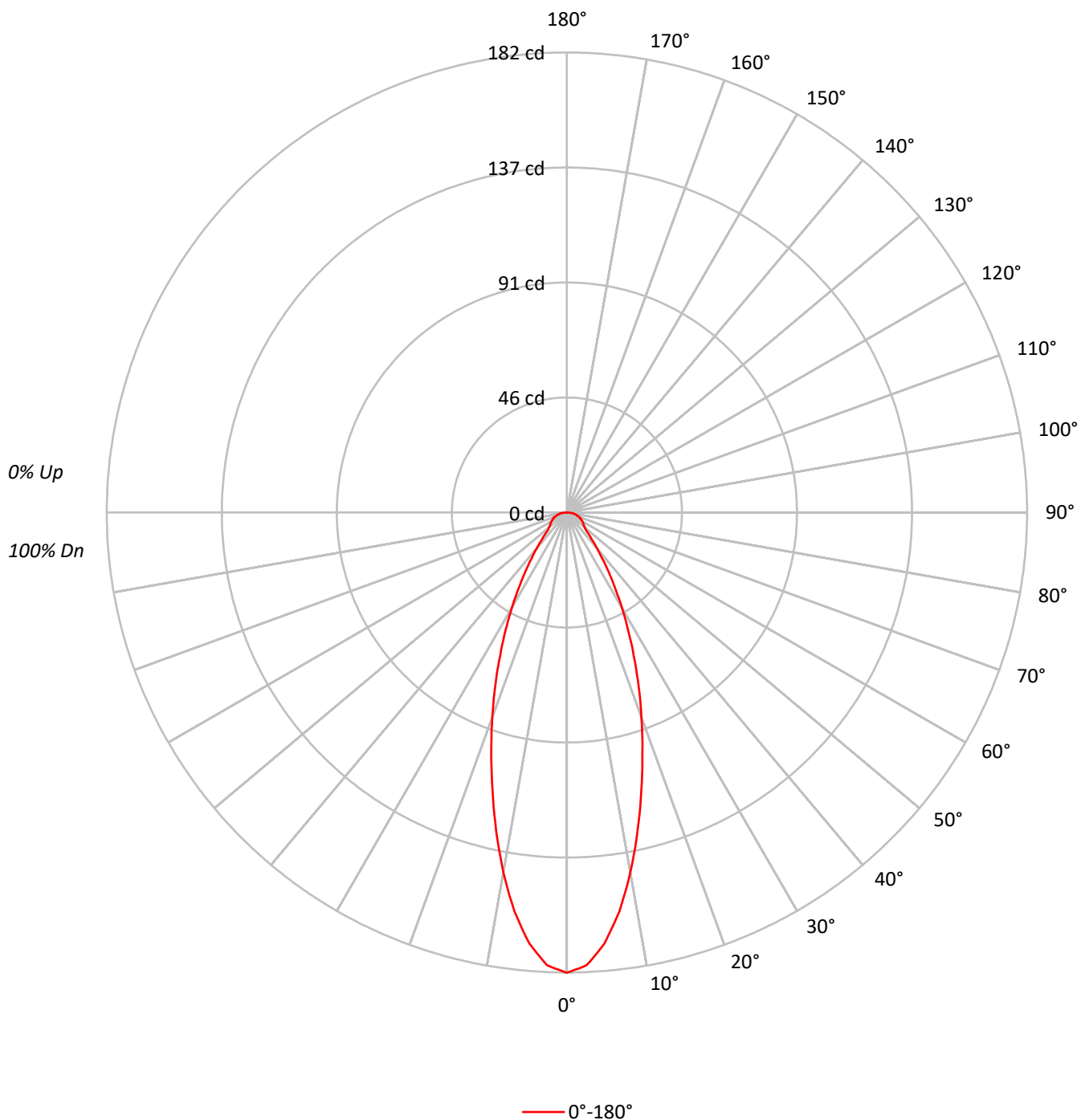
Lumens per Lamp: N/A
Luminaire Lumens: 123.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	76	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	58	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°	39931
5°	37662
10°	32197
15°	25789
20°	20115
25°	15122
30°	11040
35°	7763
40°	5324
45°	3814
50°	3138
55°	3020
60°	3026
65°	3113
70°	3270
75°	3474
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°	15.5	12.6
10°-20°	31.6	25.7
20°-30°	28.8	23.4
30°-40°	18.3	14.9
40°-50°	9.8	8.0
50°-60°	7.2	5.8
60°-70°	6.0	4.9
70°-80°	4.2	3.4
80°-90°	1.7	1.3
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°	75.8	61.7
0°-40°	94.1	76.5
0°-60°	111.1	90.3
0°-90°	123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	171	15
15°	114	32
25°	62	29
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°	182.1
2.5°	179.3
5°	171.1
7.5°	159.1
10°	144.6
12.5°	129.1
15°	113.6
17.5°	99.4
20°	86.2
22.5°	73.9
25°	62.5
27.5°	52.4
30°	43.6
32.5°	35.4
35°	29.0
37.5°	23.0
40°	18.6
42.5°	14.8
45°	12.3
47.5°	10.1
50°	9.2
52.5°	8.5
55°	7.9
57.5°	7.6
60°	6.9
62.5°	6.6
65°	6.0
67.5°	5.7
70°	5.1
72.5°	4.4
75°	4.1
77.5°	3.5
80°	2.8
82.5°	2.5
85°	1.6
87.5°	0.6
90°	0.0

(END OF REPORT)