

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: P1258773

Luminaire Tested: P3AS02R159050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258773
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: P3AS02R159050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

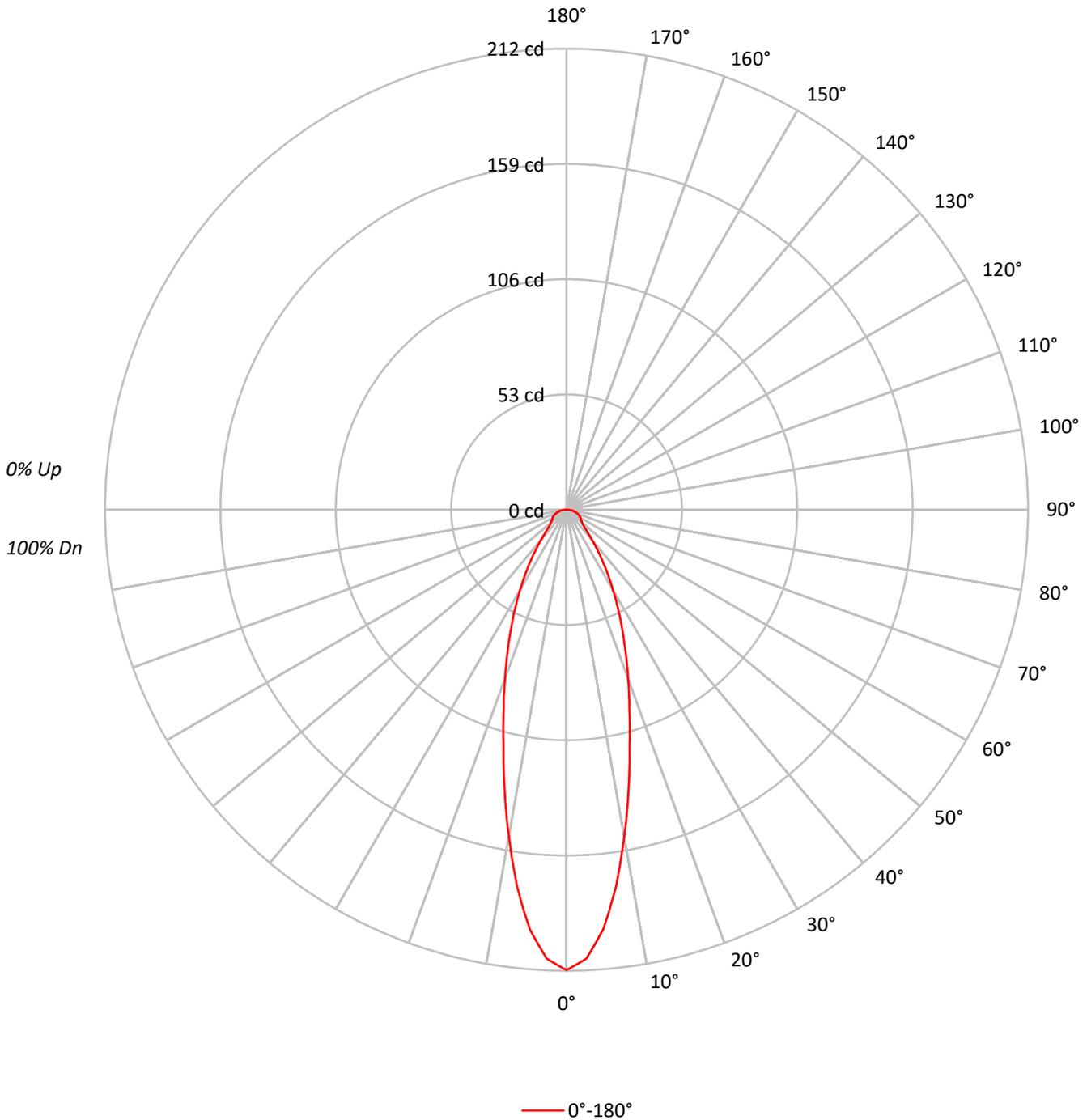
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 124.0 lumens
Efficiency: N/A
Efficacy: 34.4 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): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	92	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	65	65	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	60	60	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	57	57	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	50	50	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	48	48	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46422
5°	42615
10°	33956
15°	25380
20°	19275
25°	14590
30°	10786
35°	7710
40°	5267
45°	3690
50°	3138
55°	3097
60°	3201
65°	3373
70°	3462
75°	3558
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 4536 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.1	13.8
10°-20°	31.4	25.3
20°-30°	27.8	22.4
30°-40°	18.2	14.7
40°-50°	9.7	7.8
50°-60°	7.4	5.9
60°-70°	6.3	5.1
70°-80°	4.4	3.5
80°-90°	1.8	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°	76.3	61.5
0°-40°	94.4	76.2
0°-60°	111.5	89.9
0°-90°	124.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	124.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	194	17
15°	112	31
25°	60	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°	211.7
2.5°	206.7
5°	193.6
7.5°	174.4
10°	152.5
12.5°	131.4
15°	111.8
17.5°	96.0
20°	82.6
22.5°	70.7
25°	60.3
27.5°	51.1
30°	42.6
32.5°	35.3
35°	28.8
37.5°	23.0
40°	18.4
42.5°	14.6
45°	11.9
47.5°	10.4
50°	9.2
52.5°	8.8
55°	8.1
57.5°	7.7
60°	7.3
62.5°	6.9
65°	6.5
67.5°	5.8
70°	5.4
72.5°	4.6
75°	4.2
77.5°	3.5
80°	3.1
82.5°	2.7
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)