

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: P1255663

Luminaire Tested: P3A24R159035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255663
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: P3A24R159035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

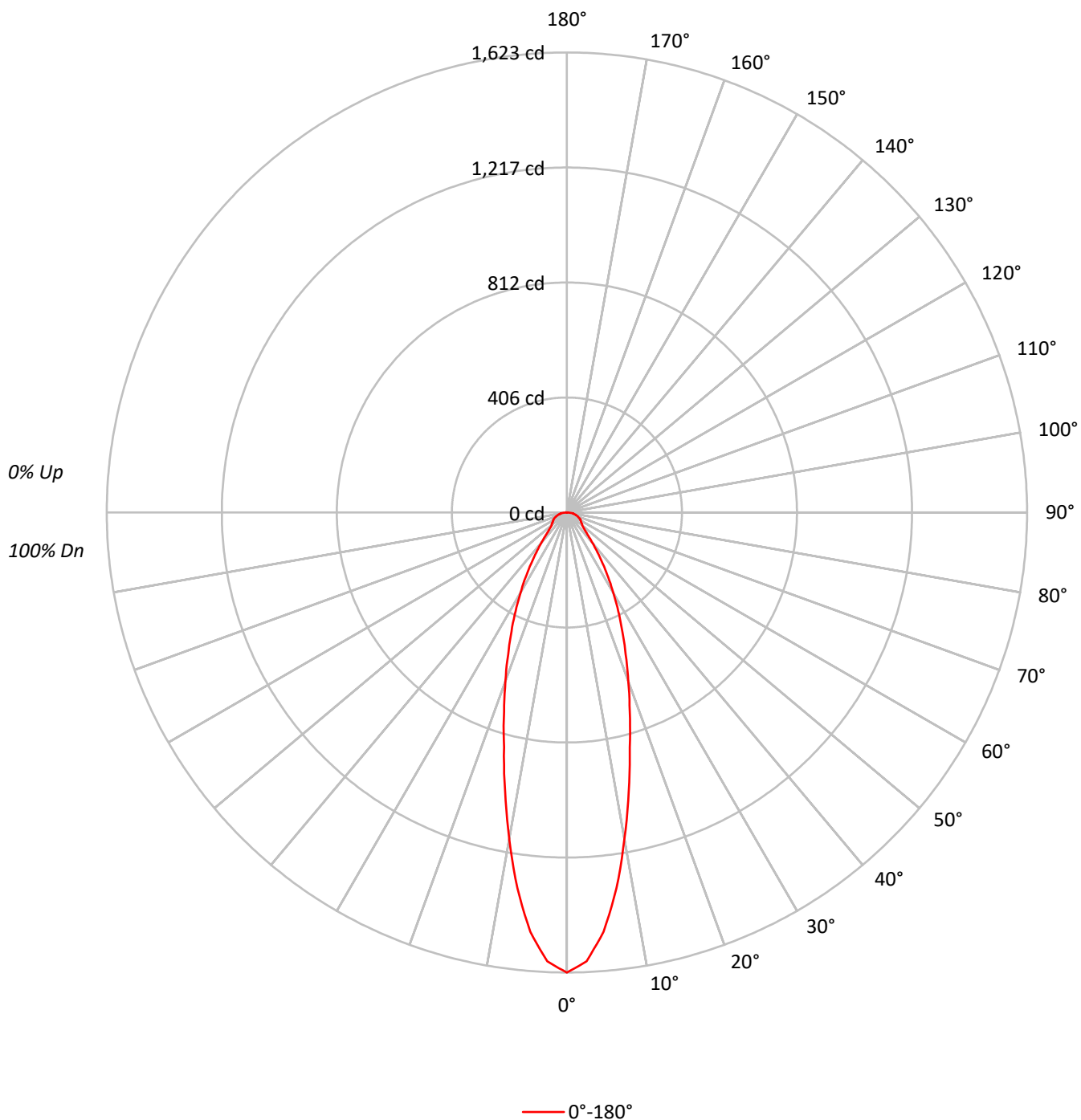
Lumens per Lamp: N/A
Luminaire Lumens: 951.0 lumens
Efficiency: N/A
Efficacy: 33.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	71		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°	355936
5°	326832
10°	260405
15°	194621
20°	147806
25°	111902
30°	82798
35°	59133
40°	40476
45°	28313
50°	24119
55°	23665
60°	24559
65°	25995
70°	26415
75°	27450
80°	29802
85°	29688

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 34607 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.5	13.8
10°-20°	240.5	25.3
20°-30°	213.0	22.4
30°-40°	139.5	14.7
40°-50°	74.5	7.8
50°-60°	56.4	5.9
60°-70°	48.5	5.1
70°-80°	33.4	3.5
80°-90°	13.6	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°	585.0	61.5
0°-40°	724.5	76.2
0°-60°	855.4	89.9
0°-90°	951.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	951.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1623	
5°	1485	131
15°	857	240
25°	462	213
35°	221	140
45°	91	75
55°	62	56
65°	50	49
75°	32	33
85°	12	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1623.2
2.5°	1584.9
5°	1484.8
7.5°	1337.5
10°	1169.5
12.5°	1007.5
15°	857.3
17.5°	736.5
20°	633.4
22.5°	542.1
25°	462.5
27.5°	391.8
30°	327.0
32.5°	271.0
35°	220.9
37.5°	176.8
40°	141.4
42.5°	111.9
45°	91.3
47.5°	79.5
50°	70.7
52.5°	67.8
55°	61.9
57.5°	58.9
60°	56.0
62.5°	53.0
65°	50.1
67.5°	44.2
70°	41.2
72.5°	35.4
75°	32.4
77.5°	26.5
80°	23.6
82.5°	20.6
85°	11.8
87.5°	5.9
90°	0.0

(END OF REPORT)