

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: P1258369

Luminaire Tested: P3AS24R159040D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159040D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

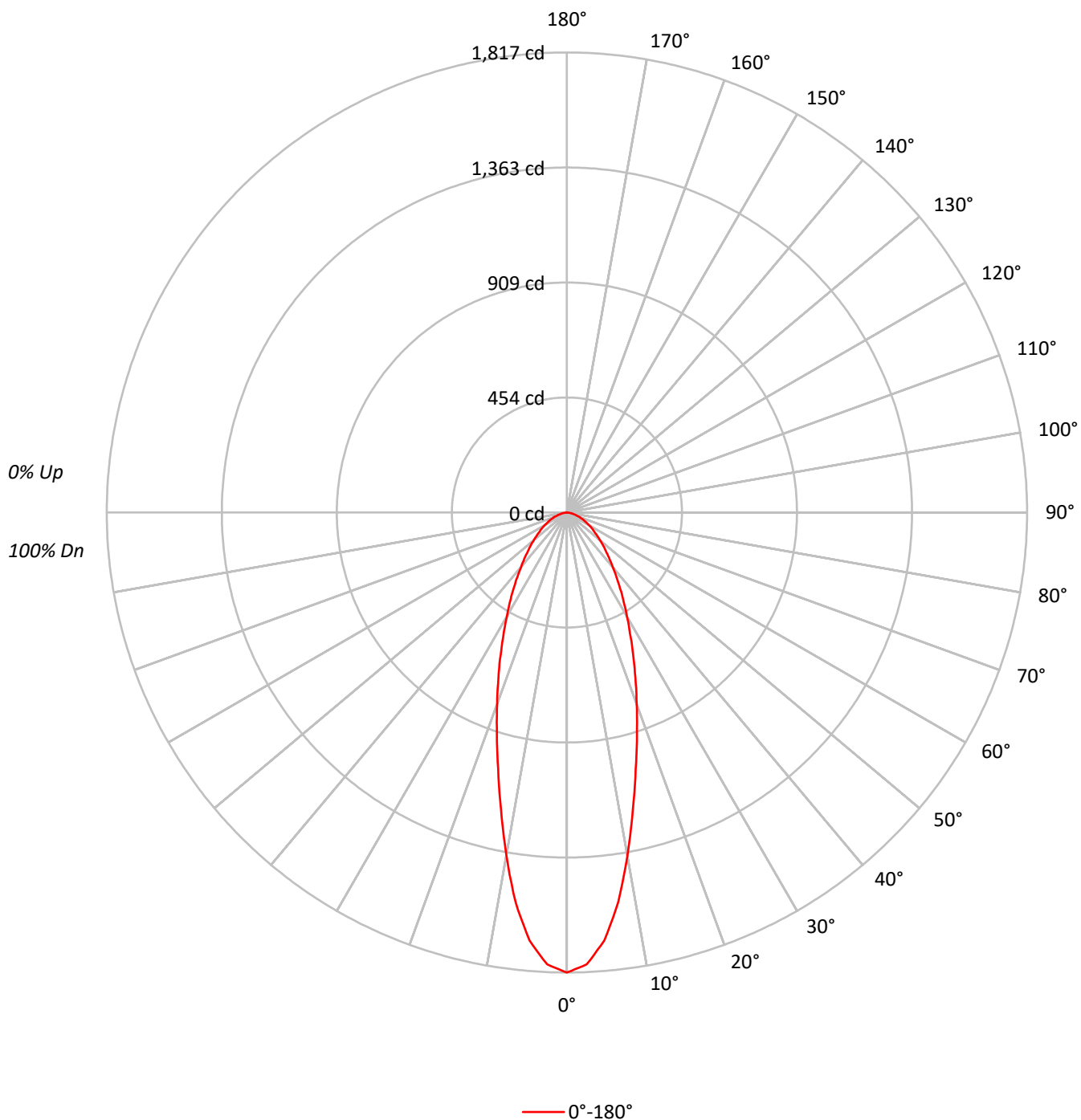
Lumens per Lamp: N/A
Luminaire Lumens: 1369.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	398389
5°	373475
10°	306229
15°	237913
20°	187803
25°	149670
30°	120145
35°	98082
40°	80809
45°	67976
50°	58403
55°	50502
60°	44777
65°	38967
70°	34685
75°	27959
80°	22730
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67976 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.5	11.1
10°-20°	293.6	21.4
20°-30°	285.3	20.8
30°-40°	230.6	16.8
40°-50°	171.2	12.5
50°-60°	119.6	8.7
60°-70°	75.0	5.5
70°-80°	35.6	2.6
80°-90°	6.5	0.5
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°	730.4	53.4
0°-40°	961.1	70.2
0°-60°	1251.9	91.4
0°-90°	1369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1817	
5°	1697	152
15°	1048	294
25°	619	285
35°	366	231
45°	219	171
55°	132	120
65°	75	75
75°	33	36
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1816.8
2.5°	1786.7
5°	1696.7
7.5°	1552.5
10°	1375.3
12.5°	1201.2
15°	1048.0
17.5°	918.9
20°	804.8
22.5°	705.7
25°	618.6
27.5°	540.5
30°	474.5
32.5°	417.4
35°	366.4
37.5°	321.3
40°	282.3
42.5°	249.2
45°	219.2
47.5°	195.2
50°	171.2
52.5°	150.1
55°	132.1
57.5°	117.1
60°	102.1
62.5°	87.1
65°	75.1
67.5°	63.1
70°	54.1
72.5°	42.0
75°	33.0
77.5°	24.0
80°	18.0
82.5°	9.0
85°	6.0
87.5°	0.0
90°	0.0

(END OF REPORT)