

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: P1253013

Luminaire Tested: P3AS24R259030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253013
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

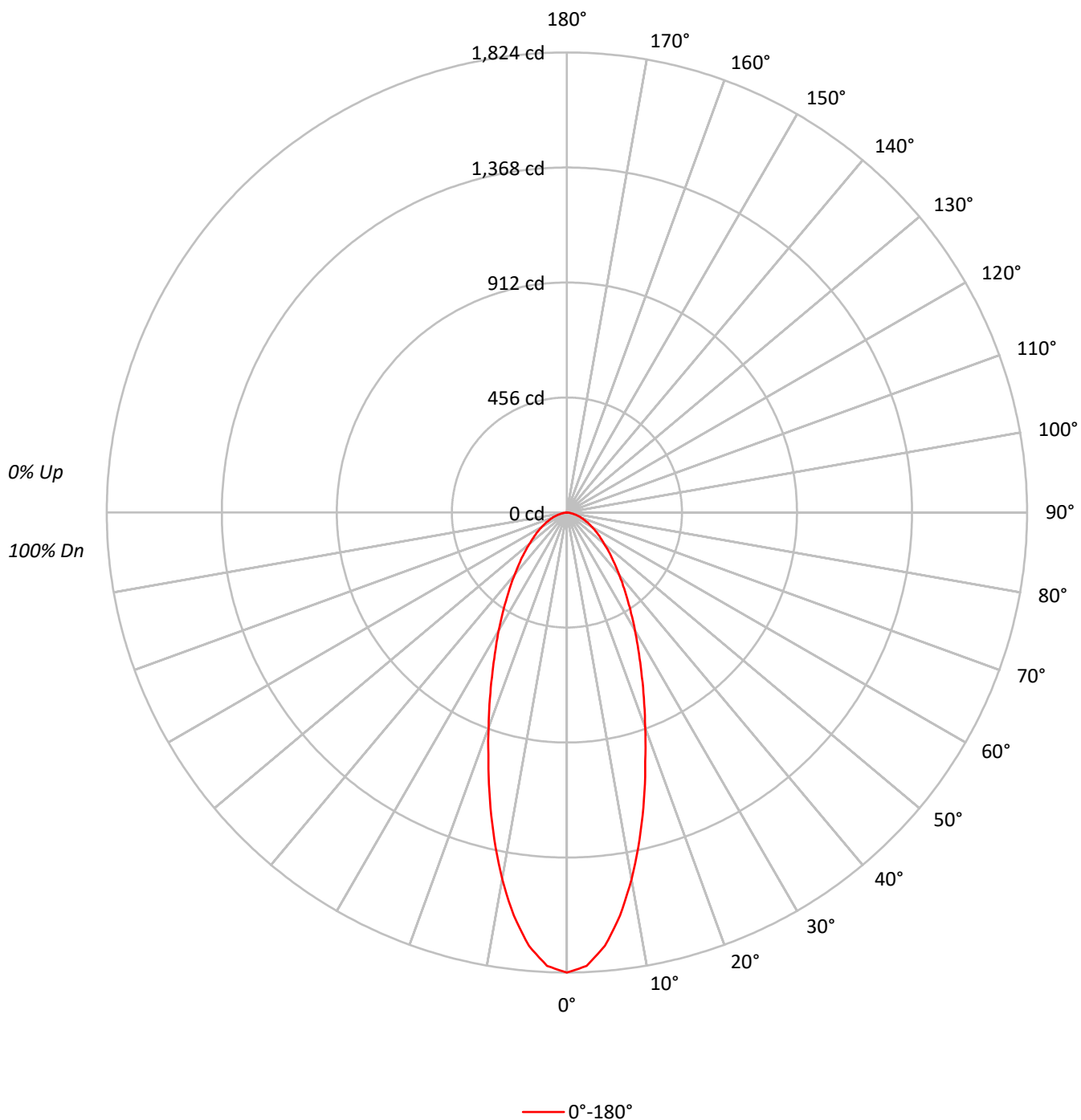
Lumens per Lamp: N/A
Luminaire Lumens: 1533.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	399990
5°	379682
10°	328852
15°	267720
20°	211535
25°	168663
30°	136755
35°	111387
40°	92287
45°	77745
50°	65806
55°	57919
60°	50742
65°	44311
70°	38853
75°	32703
80°	24372
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 77745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.6	10.2
10°-20°	327.0	21.3
20°-30°	322.3	21.0
30°-40°	262.4	17.1
40°-50°	194.7	12.7
50°-60°	135.9	8.9
60°-70°	85.1	5.6
70°-80°	41.0	2.7
80°-90°	7.9	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°	806.0	52.6
0°-40°	1068.4	69.7
0°-60°	1399.0	91.3
0°-90°	1533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1533.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1824	
5°	1725	157
15°	1179	327
25°	697	322
35°	416	262
45°	251	195
55°	152	136
65°	85	85
75°	39	41
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1824.1
2.5°	1799.3
5°	1724.9
7.5°	1611.9
10°	1476.9
12.5°	1328.1
15°	1179.3
17.5°	1033.3
20°	906.5
22.5°	796.3
25°	697.1
27.5°	611.7
30°	540.1
32.5°	473.9
35°	416.1
37.5°	366.5
40°	322.4
42.5°	283.8
45°	250.7
47.5°	220.4
50°	192.9
52.5°	170.8
55°	151.5
57.5°	132.3
60°	115.7
62.5°	99.2
65°	85.4
67.5°	71.6
70°	60.6
72.5°	49.6
75°	38.6
77.5°	27.6
80°	19.3
82.5°	11.0
85°	5.5
87.5°	2.8
90°	0.0

(END OF REPORT)