

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: P1261024

Luminaire Tested: P3AS24R259050D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261024
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: P3AS24R259050D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

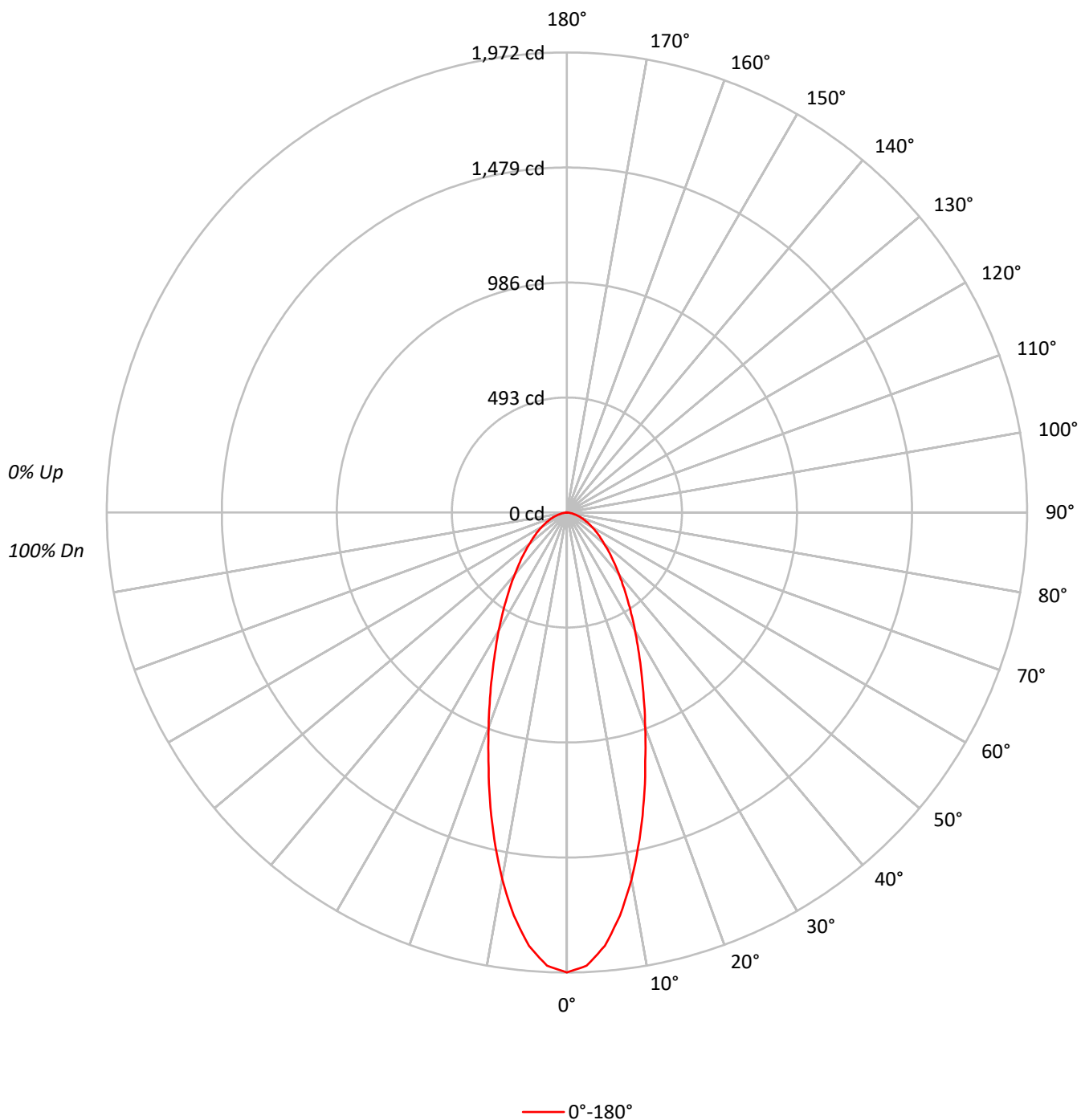
Lumens per Lamp: N/A
Luminaire Lumens: 1657.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	432356
5°	410389
10°	355460
15°	289377
20°	228663
25°	182309
30°	147820
35°	120381
40°	99758
45°	84040
50°	71128
55°	62621
60°	54864
65°	47891
70°	41994
75°	35330
80°	26266
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 84040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.3	10.2
10°-20°	353.5	21.3
20°-30°	348.4	21.0
30°-40°	283.6	17.1
40°-50°	210.5	12.7
50°-60°	146.9	8.9
60°-70°	92.0	5.6
70°-80°	44.3	2.7
80°-90°	8.5	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°	871.2	52.6
0°-40°	1154.8	69.7
0°-60°	1512.2	91.3
0°-90°	1657.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1657.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1972	
5°	1864	169
15°	1275	353
25°	754	348
35°	450	284
45°	271	210
55°	164	147
65°	92	92
75°	42	44
85°	6	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1971.7
2.5°	1944.9
5°	1864.4
7.5°	1742.3
10°	1596.4
12.5°	1435.6
15°	1274.7
17.5°	1116.9
20°	979.9
22.5°	860.7
25°	753.5
27.5°	661.2
30°	583.8
32.5°	512.3
35°	449.7
37.5°	396.1
40°	348.5
42.5°	306.8
45°	271.0
47.5°	238.3
50°	208.5
52.5°	184.7
55°	163.8
57.5°	143.0
60°	125.1
62.5°	107.2
65°	92.3
67.5°	77.4
70°	65.5
72.5°	53.6
75°	41.7
77.5°	29.8
80°	20.8
82.5°	11.9
85°	6.0
87.5°	3.0
90°	0.0

(END OF REPORT)