

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: P1253029

Luminaire Tested: P3AS24R309030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253029
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

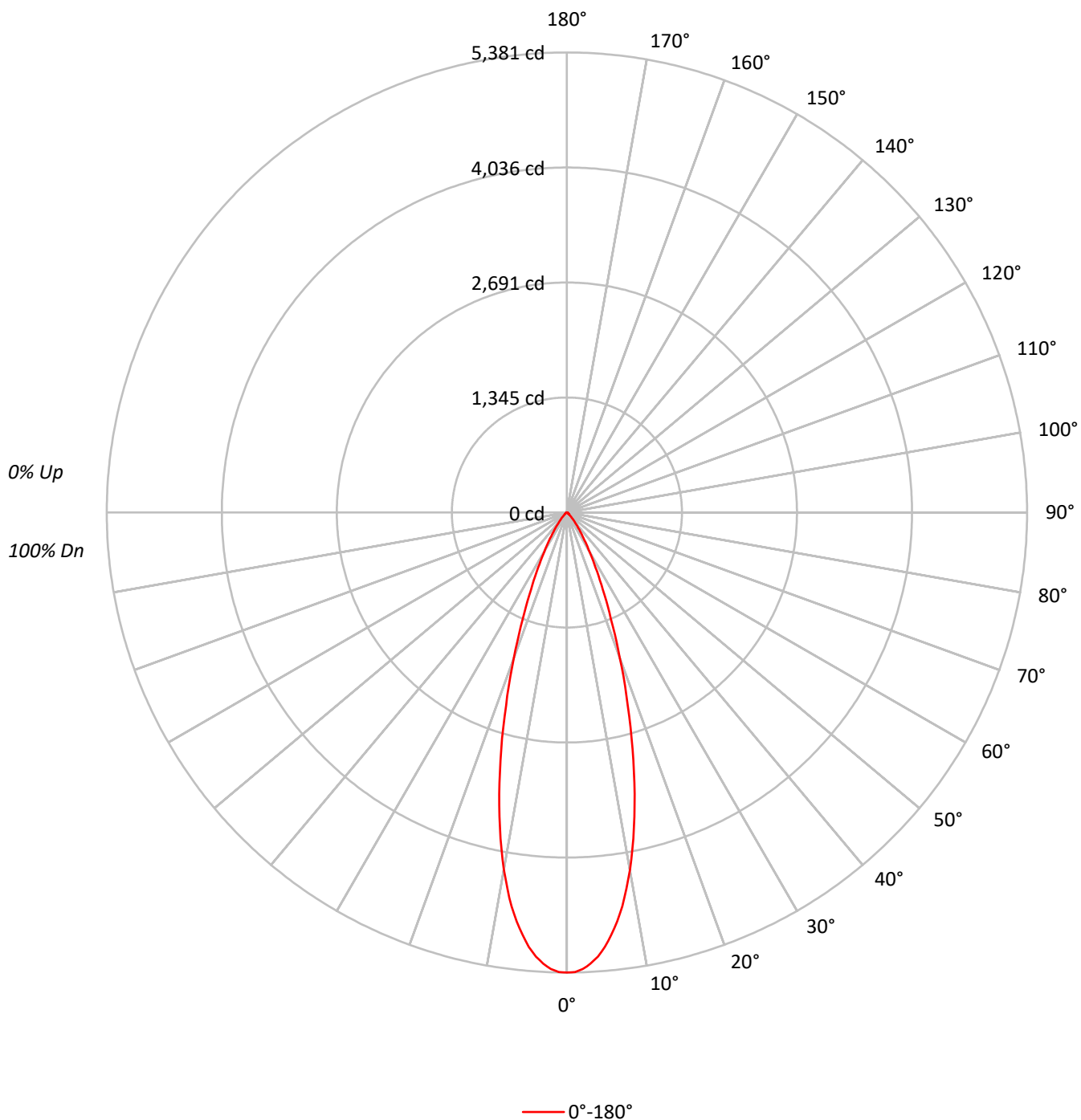
Lumens per Lamp: N/A
Luminaire Lumens: 2022.0 lumens
Efficiency: N/A
Efficacy: 70.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1179905
5°	1123022
10°	944605
15°	681230
20°	422557
25°	240328
30°	133489
35°	72598
40°	38272
45°	20746
50°	11087
55°	7302
60°	6710
65°	6953
70°	6155
75°	4829
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	459.4	22.7
10°-20°	816.6	40.4
20°-30°	472.0	23.3
30°-40°	179.1	8.9
40°-50°	55.0	2.7
50°-60°	18.5	0.9
60°-70°	12.6	0.6
70°-80°	6.8	0.3
80°-90°	2.1	0.1
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°	1748.0	86.4
0°-40°	1927.1	95.3
0°-60°	2000.6	98.9
0°-90°	2022.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2022.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5381	
5°	5102	459
15°	3001	817
25°	993	472
35°	271	179
45°	67	55
55°	19	19
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5380.8
1°	5377.0
2°	5344.5
3°	5283.4
4°	5207.0
5°	5101.9
6°	4968.2
7°	4819.2
8°	4653.0
9°	4454.4
10°	4242.3
11°	4013.1
12°	3770.6
13°	3516.5
14°	3258.6
15°	3000.8
17.5°	2366.6
20°	1810.8
22.5°	1342.8
25°	993.3
27.5°	722.0
30°	527.2
32.5°	380.1
35°	271.2
37.5°	189.1
40°	133.7
42.5°	93.6
45°	66.9
47.5°	45.8
50°	32.5
52.5°	22.9
55°	19.1
57.5°	17.2
60°	15.3
62.5°	13.4
65°	13.4
67.5°	11.5
70°	9.6
72.5°	7.6
75°	5.7
77.5°	5.7
80°	3.8
82.5°	3.8
85°	1.9
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)