

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: P1261218

Luminaire Tested: P3AS24R609050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261218
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

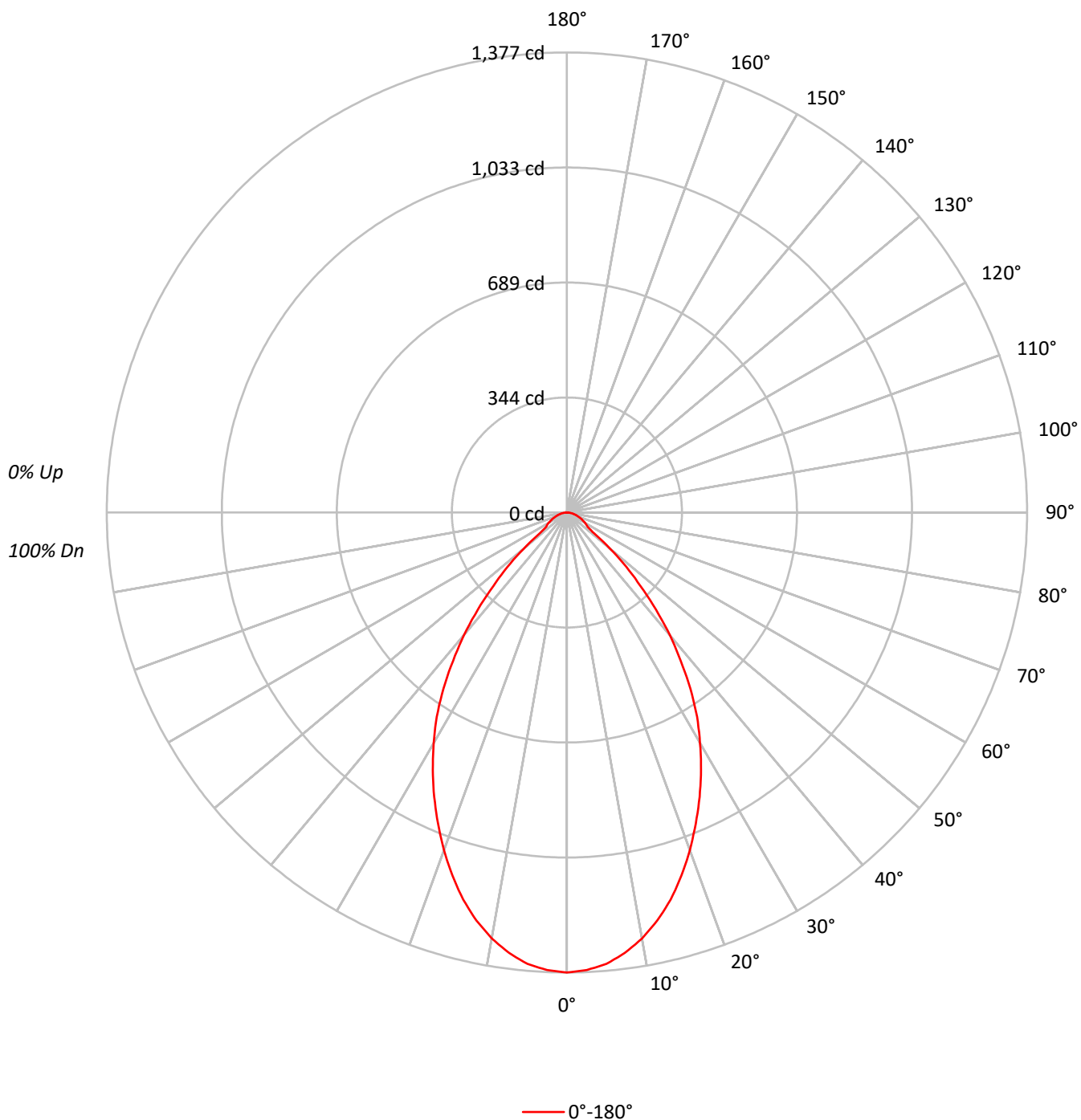
Lumens per Lamp: N/A
Luminaire Lumens: 1701.0 lumens
Efficiency: N/A
Efficacy: 59.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	301949
5°	298568
10°	288216
15°	272306
20°	250995
25°	227263
30°	201778
35°	172421
40°	137114
45°	96661
50°	57755
55°	29208
60°	28068
65°	25684
70°	23850
75°	22706
80°	20836
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 96661 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.5	7.5
10°-20°	335.2	19.7
20°-30°	430.4	25.3
30°-40°	399.1	23.5
40°-50°	242.9	14.3
50°-60°	81.0	4.8
60°-70°	49.3	2.9
70°-80°	27.8	1.6
80°-90°	7.8	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°	893.1	52.5
0°-40°	1292.2	76.0
0°-60°	1616.1	95.0
0°-90°	1701.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1701.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1377	
5°	1356	127
15°	1200	335
25°	939	430
35°	644	399
45°	312	243
55°	76	81
65°	50	49
75°	27	28
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1377.0
2.5°	1370.8
5°	1356.4
7.5°	1329.5
10°	1294.4
12.5°	1251.1
15°	1199.5
17.5°	1139.6
20°	1075.6
22.5°	1007.5
25°	939.3
27.5°	869.1
30°	796.9
32.5°	724.6
35°	644.1
37.5°	559.5
40°	479.0
42.5°	394.3
45°	311.7
47.5°	241.5
50°	169.3
52.5°	101.2
55°	76.4
57.5°	70.2
60°	64.0
62.5°	55.7
65°	49.5
67.5°	43.4
70°	37.2
72.5°	31.0
75°	26.8
77.5°	20.6
80°	16.5
82.5°	10.3
85°	6.2
87.5°	4.1
90°	0.0

(END OF REPORT)