

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: P1272474

Luminaire Tested: P3AS17R609827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272474
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: P3AS17R609827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

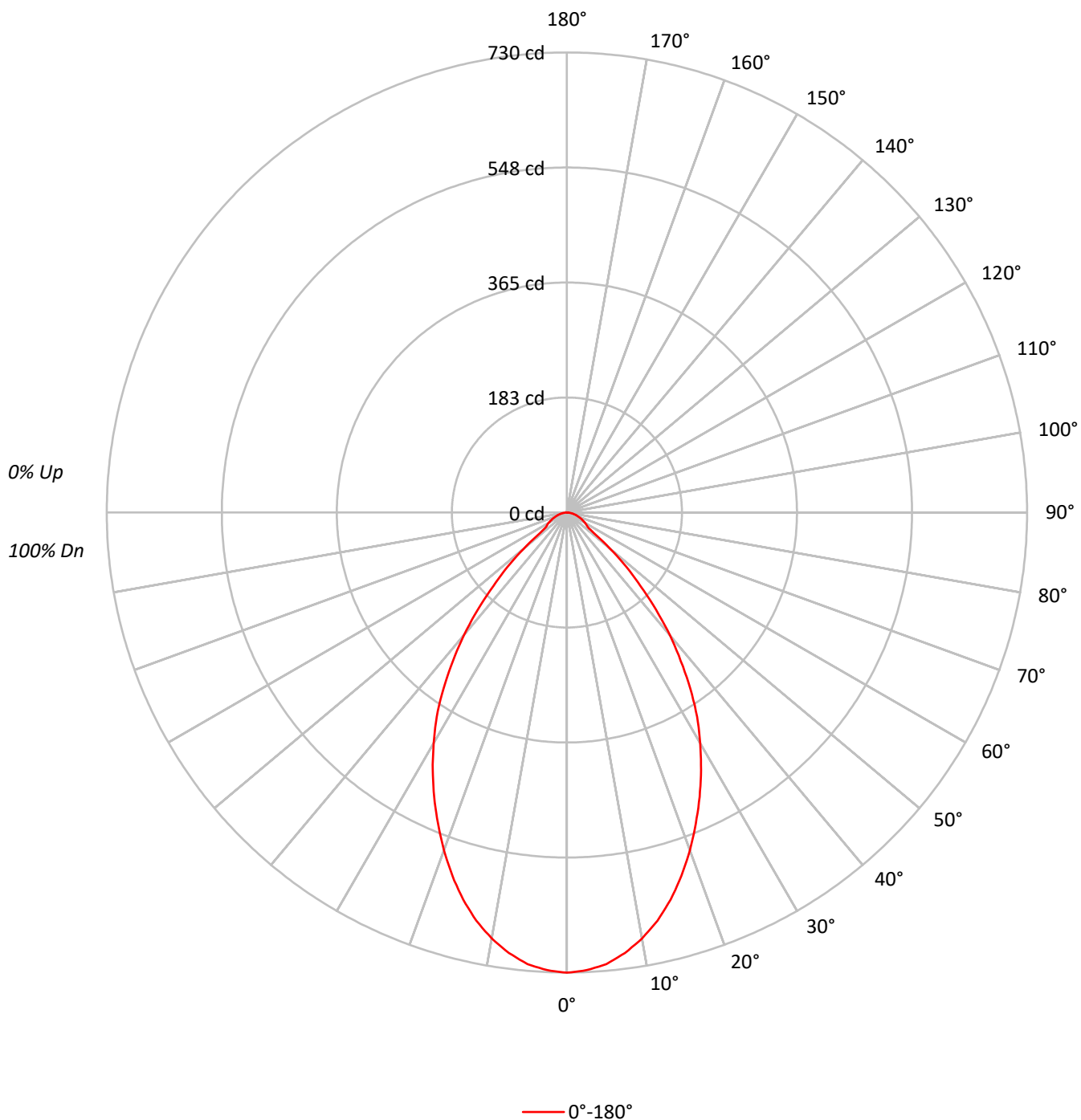
Lumens per Lamp: N/A
Luminaire Lumens: 902.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	160119
5°	158331
10°	152836
15°	144382
20°	133105
25°	120515
30°	107004
35°	91444
40°	72708
45°	51261
50°	30634
55°	15483
60°	14867
65°	13646
70°	12630
75°	12031
80°	11113
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51261 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.6	7.5
10°-20°	177.8	19.7
20°-30°	228.2	25.3
30°-40°	211.6	23.5
40°-50°	128.8	14.3
50°-60°	42.9	4.8
60°-70°	26.1	2.9
70°-80°	14.7	1.6
80°-90°	4.2	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°	473.6	52.5
0°-40°	685.2	76.0
0°-60°	857.0	95.0
0°-90°	902.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	902.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	730	
5°	719	68
15°	636	178
25°	498	228
35°	342	212
45°	165	129
55°	40	43
65°	26	26
75°	14	15
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	730.2
2.5°	726.9
5°	719.3
7.5°	705.0
10°	686.4
12.5°	663.4
15°	636.0
17.5°	604.3
20°	570.4
22.5°	534.2
25°	498.1
27.5°	460.9
30°	422.6
32.5°	384.3
35°	341.6
37.5°	296.7
40°	254.0
42.5°	209.1
45°	165.3
47.5°	128.1
50°	89.8
52.5°	53.6
55°	40.5
57.5°	37.2
60°	33.9
62.5°	29.6
65°	26.3
67.5°	23.0
70°	19.7
72.5°	16.4
75°	14.2
77.5°	10.9
80°	8.8
82.5°	5.5
85°	3.3
87.5°	2.2
90°	0.0

(END OF REPORT)