

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: P1247186

Luminaire Tested: P3A17R159024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

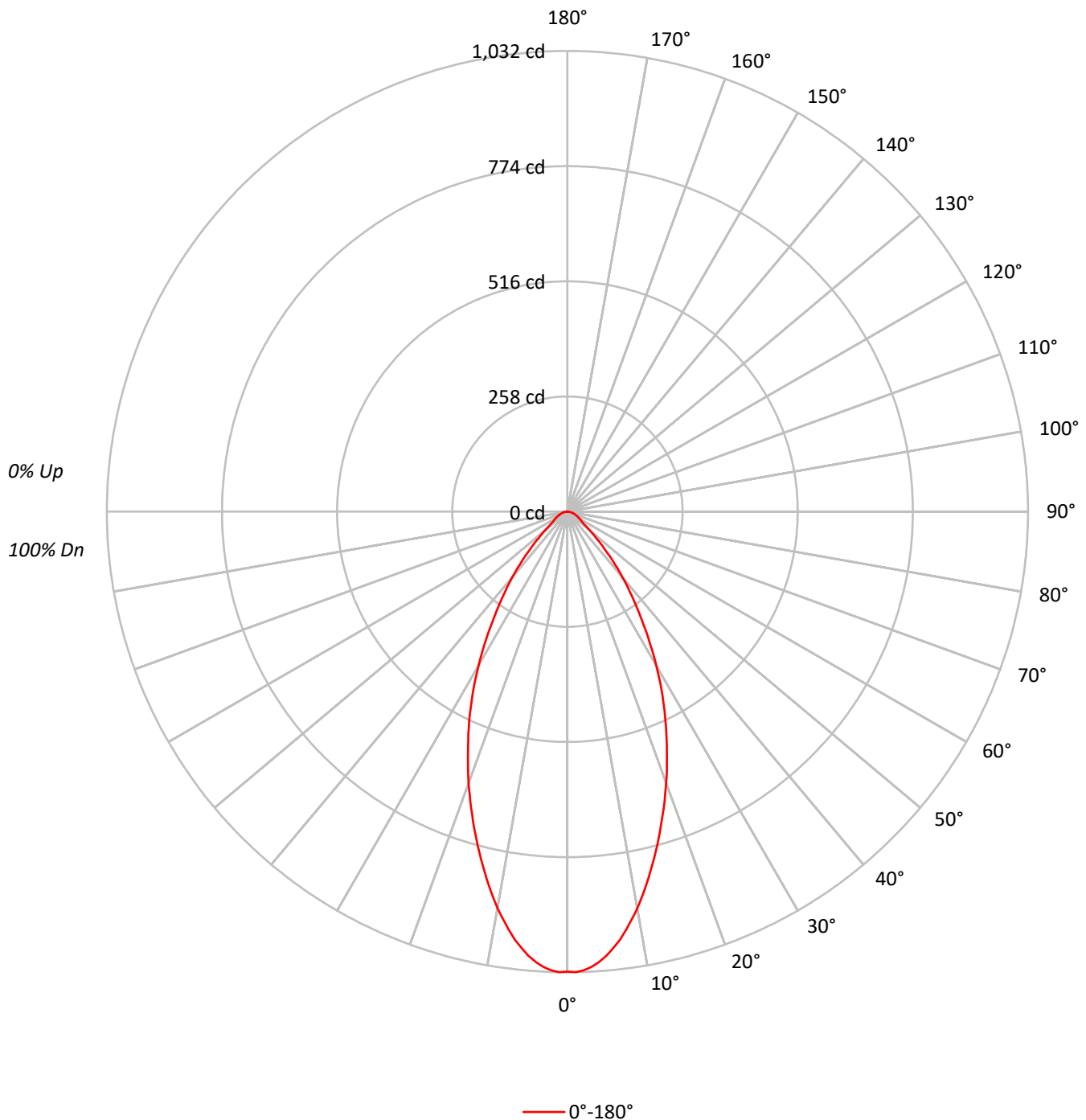
Lumens per Lamp: N/A
Luminaire Lumens: 896.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226013
5°	219876
10°	200931
15°	176006
20°	150980
25°	126056
30°	100876
35°	75650
40°	54903
45°	35911
50°	22447
55°	15177
60°	13420
65°	12349
70°	11669
75°	10590
80°	9976
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35911 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	10.3
10°-20°	216.0	24.1
20°-30°	238.0	26.6
30°-40°	178.2	19.9
40°-50°	92.4	10.3
50°-60°	38.3	4.3
60°-70°	23.7	2.6
70°-80°	13.3	1.5
80°-90°	3.8	0.4
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°	546.2	61.0
0°-40°	724.4	80.9
0°-60°	855.1	95.4
0°-90°	896.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	896.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1031	
5°	999	92
15°	775	216
25°	521	238
35°	283	178
45°	116	92
55°	40	38
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1030.7
1°	1031.8
2°	1028.4
3°	1021.6
4°	1011.4
5°	998.9
6°	983.0
7°	966.0
8°	945.5
9°	924.0
10°	902.4
12.5°	840.0
15°	775.3
17.5°	710.6
20°	647.0
22.5°	582.3
25°	521.0
27.5°	459.7
30°	398.4
32.5°	338.3
35°	282.6
37.5°	235.0
40°	191.8
42.5°	152.1
45°	115.8
47.5°	87.4
50°	65.8
52.5°	48.8
55°	39.7
57.5°	35.2
60°	30.6
62.5°	27.2
65°	23.8
67.5°	20.4
70°	18.2
72.5°	14.8
75°	12.5
77.5°	10.2
80°	7.9
82.5°	5.7
85°	3.4
87.5°	1.1
90°	0.0

(END OF REPORT)