

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: P1260557

Luminaire Tested: P3AS17R659050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260557
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

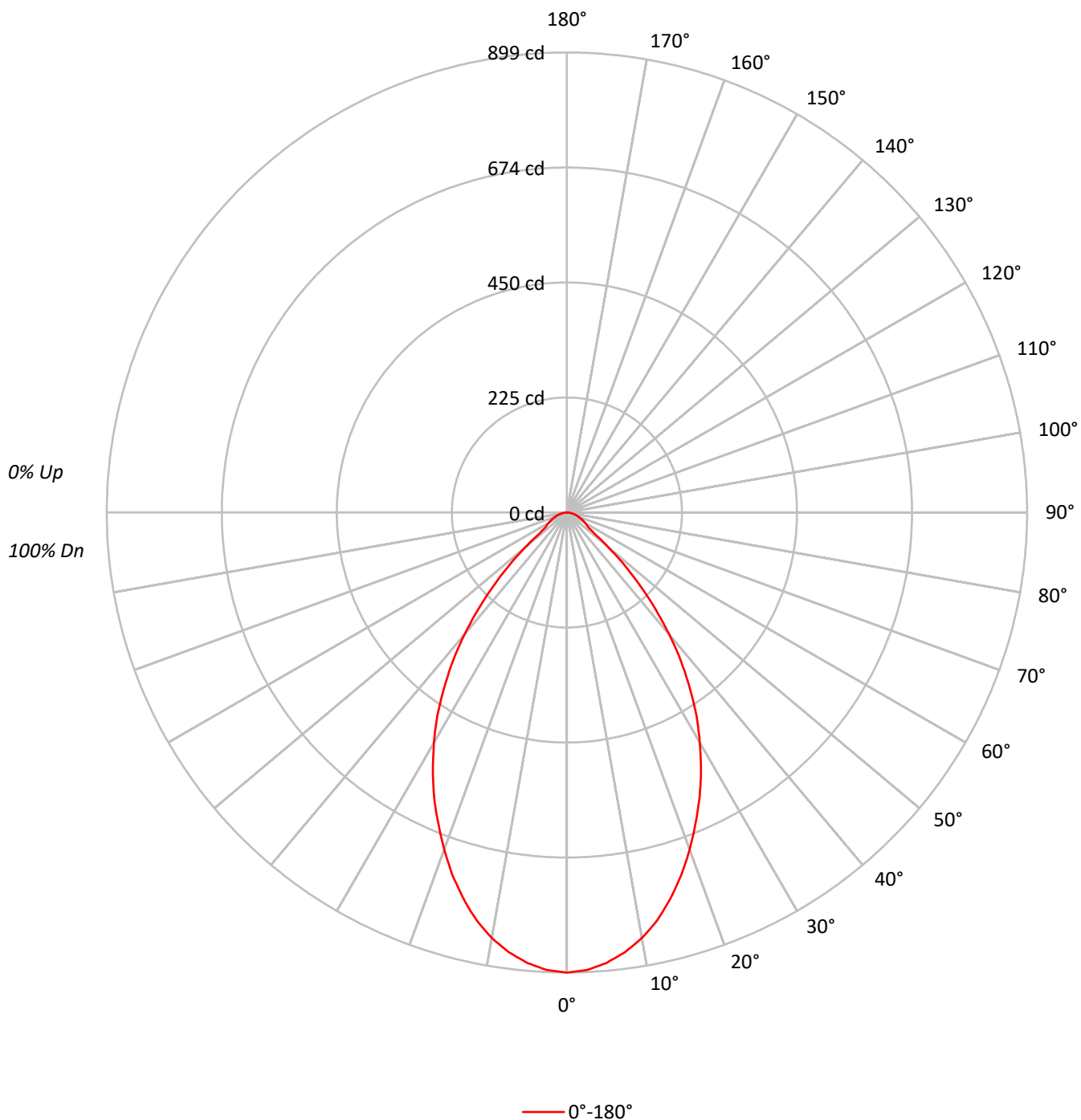
Lumens per Lamp: N/A
Luminaire Lumens: 1108.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	197177
5°	194519
10°	187995
15°	177300
20°	163534
25°	148436
30°	131463
35°	111869
40°	89024
45°	62828
50°	36468
55°	19918
60°	18507
65°	16811
70°	15323
75°	14318
80°	12502
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62828 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	7.5
10°-20°	218.5	19.7
20°-30°	280.8	25.3
30°-40°	259.8	23.4
40°-50°	156.8	14.2
50°-60°	53.5	4.8
60°-70°	32.2	2.9
70°-80°	18.2	1.6
80°-90°	5.2	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°	582.4	52.6
0°-40°	842.2	76.0
0°-60°	1052.4	95.0
0°-90°	1108.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1108.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	899	
5°	884	83
15°	781	219
25°	614	281
35°	418	260
45°	203	157
55°	52	53
65°	32	32
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	899.2
2.5°	895.0
5°	883.7
7.5°	866.8
10°	844.3
12.5°	816.2
15°	781.0
17.5°	743.0
20°	700.8
22.5°	657.1
25°	613.5
27.5°	567.1
30°	519.2
32.5°	471.4
35°	417.9
37.5°	365.9
40°	311.0
42.5°	256.1
45°	202.6
47.5°	153.4
50°	106.9
52.5°	67.5
55°	52.1
57.5°	46.4
60°	42.2
62.5°	36.6
65°	32.4
67.5°	28.1
70°	23.9
72.5°	21.1
75°	16.9
77.5°	14.1
80°	9.9
82.5°	7.0
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)