

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: P1260528

Luminaire Tested: P3AS17R609050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260528
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: P3AS17R609050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

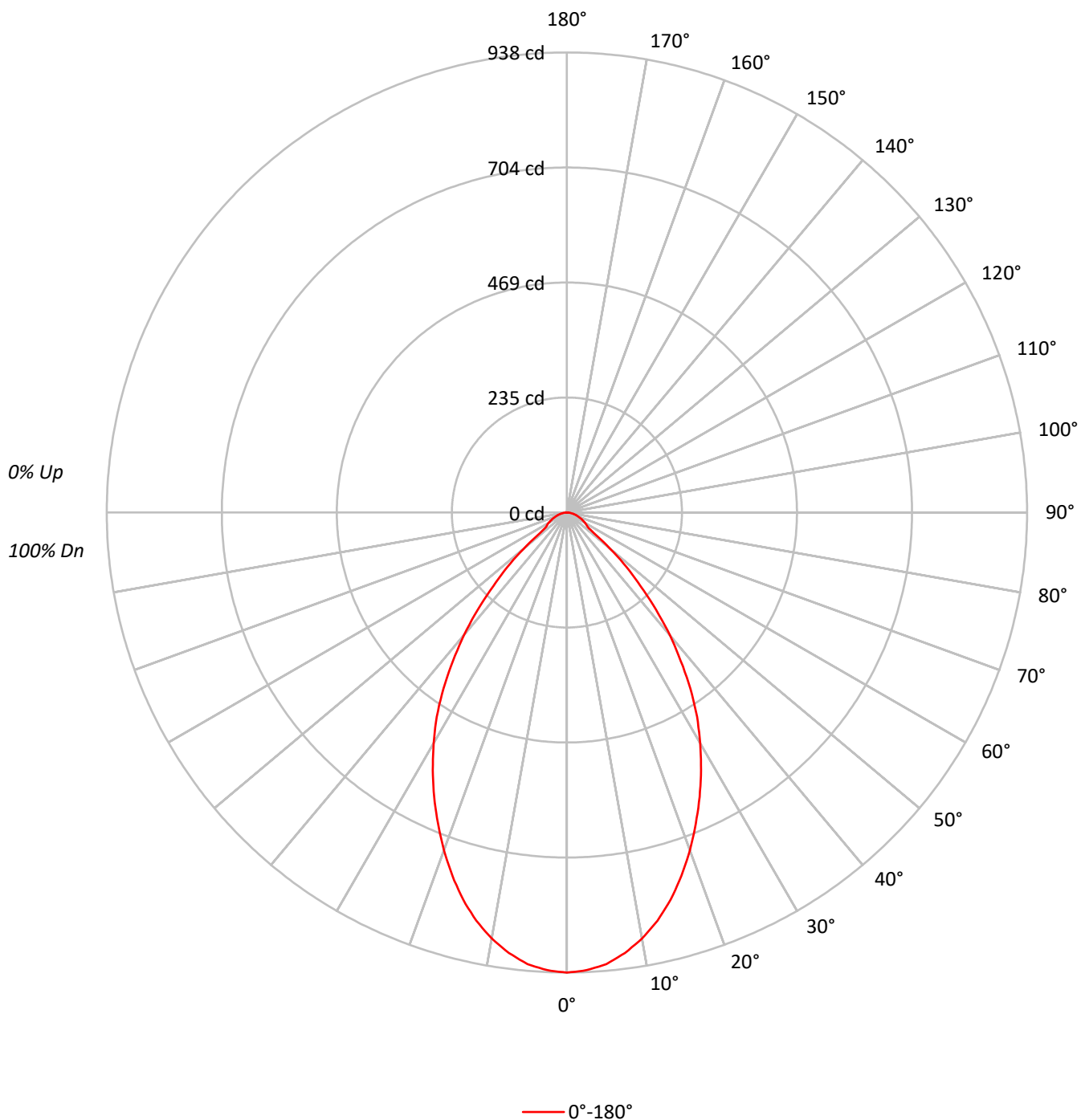
Lumens per Lamp: N/A
Luminaire Lumens: 1159.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	205729
5°	203433
10°	196389
15°	185540
20°	171025
25°	154848
30°	137490
35°	117490
40°	93404
45°	65867
50°	39333
55°	19880
60°	19121
65°	17538
70°	16221
75°	15504
80°	14269
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65867 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.8	7.5
10°-20°	228.4	19.7
20°-30°	293.3	25.3
30°-40°	271.9	23.5
40°-50°	165.5	14.3
50°-60°	55.1	4.8
60°-70°	33.6	2.9
70°-80°	18.9	1.6
80°-90°	5.3	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°	608.5	52.5
0°-40°	880.4	76.0
0°-60°	1101.1	95.0
0°-90°	1159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1159.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	938	
5°	924	87
15°	817	228
25°	640	293
35°	439	272
45°	212	166
55°	52	55
65°	34	34
75°	18	19
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	938.2
2.5°	934.0
5°	924.2
7.5°	905.9
10°	882.0
12.5°	852.4
15°	817.3
17.5°	776.5
20°	732.9
22.5°	686.5
25°	640.0
27.5°	592.2
30°	543.0
32.5°	493.7
35°	438.9
37.5°	381.2
40°	326.3
42.5°	268.7
45°	212.4
47.5°	164.6
50°	115.3
52.5°	68.9
55°	52.0
57.5°	47.8
60°	43.6
62.5°	38.0
65°	33.8
67.5°	29.5
70°	25.3
72.5°	21.1
75°	18.3
77.5°	14.1
80°	11.3
82.5°	7.0
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)