

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: P1274372

Luminaire Tested: P3AS17R309830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

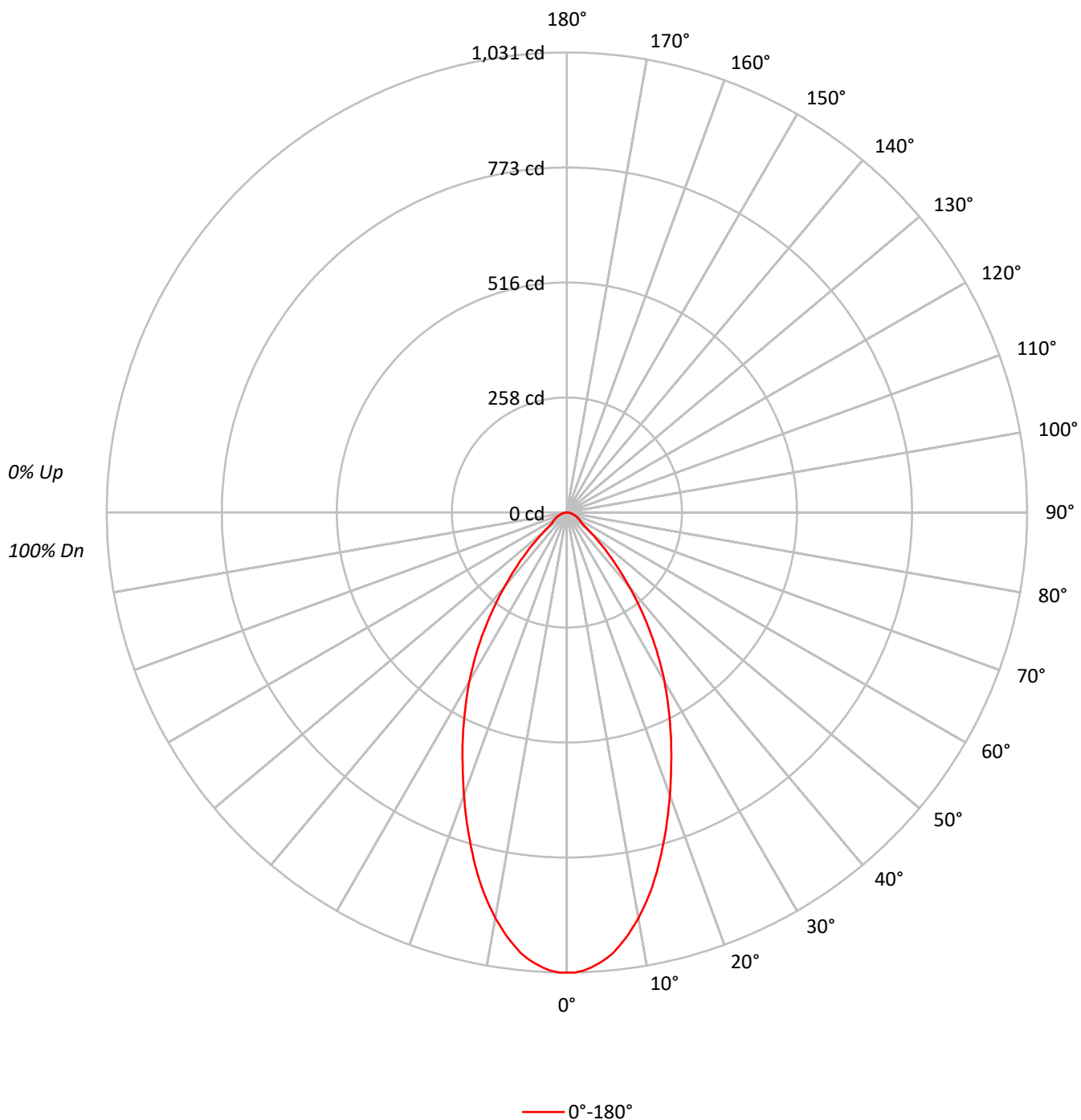
Lumens per Lamp: N/A
Luminaire Lumens: 957.0 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1274372

CATALOG NUMBER: P3AS17R309830DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274372

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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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226100
5°	221021
10°	205518
15°	182884
20°	157304
25°	133266
30°	110625
35°	86759
40°	62202
45°	40779
50°	23232
55°	15254
60°	14429
65°	13387
70°	12053
75°	10929
80°	10355
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40779 cd/sqm

TEST NUMBER: P1274372

CATALOG NUMBER: P3AS17R309830DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.2	9.7
10°-20°	223.9	23.4
20°-30°	252.4	26.4
30°-40°	201.6	21.1
40°-50°	103.6	10.8
50°-60°	39.0	4.1
60°-70°	25.6	2.7
70°-80°	13.8	1.4
80°-90°	4.0	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°	569.6	59.5
0°-40°	771.1	80.6
0°-60°	913.7	95.5
0°-90°	957.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	957.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1031	
5°	1004	93
15°	806	224
25°	551	252
35°	324	202
45°	132	104
55°	40	39
65°	26	26
75°	13	14
85°	4	4
90°	0	

TEST NUMBER: P1274372

CATALOG NUMBER: P3AS17R309830DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1031.1
1°	1031.1
2°	1027.5
3°	1021.7
4°	1013.5
5°	1004.1
6°	992.3
7°	977.0
8°	960.6
9°	941.8
10°	923.0
11°	901.9
12°	879.6
13°	856.1
14°	831.4
15°	805.6
17.5°	739.8
20°	674.1
22.5°	610.7
25°	550.8
27.5°	492.0
30°	436.9
32.5°	380.5
35°	324.1
37.5°	268.9
40°	217.3
42.5°	171.5
45°	131.5
47.5°	97.5
50°	68.1
52.5°	48.1
55°	39.9
57.5°	36.4
60°	32.9
62.5°	29.4
65°	25.8
67.5°	22.3
70°	18.8
72.5°	15.3
75°	12.9
77.5°	10.6
80°	8.2
82.5°	5.9
85°	3.5
87.5°	1.2



TEST NUMBER: P1274372
CATALOG NUMBER: P3AS17R309830DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)