

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: P1252339

Luminaire Tested: P3AS17R309030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252339
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

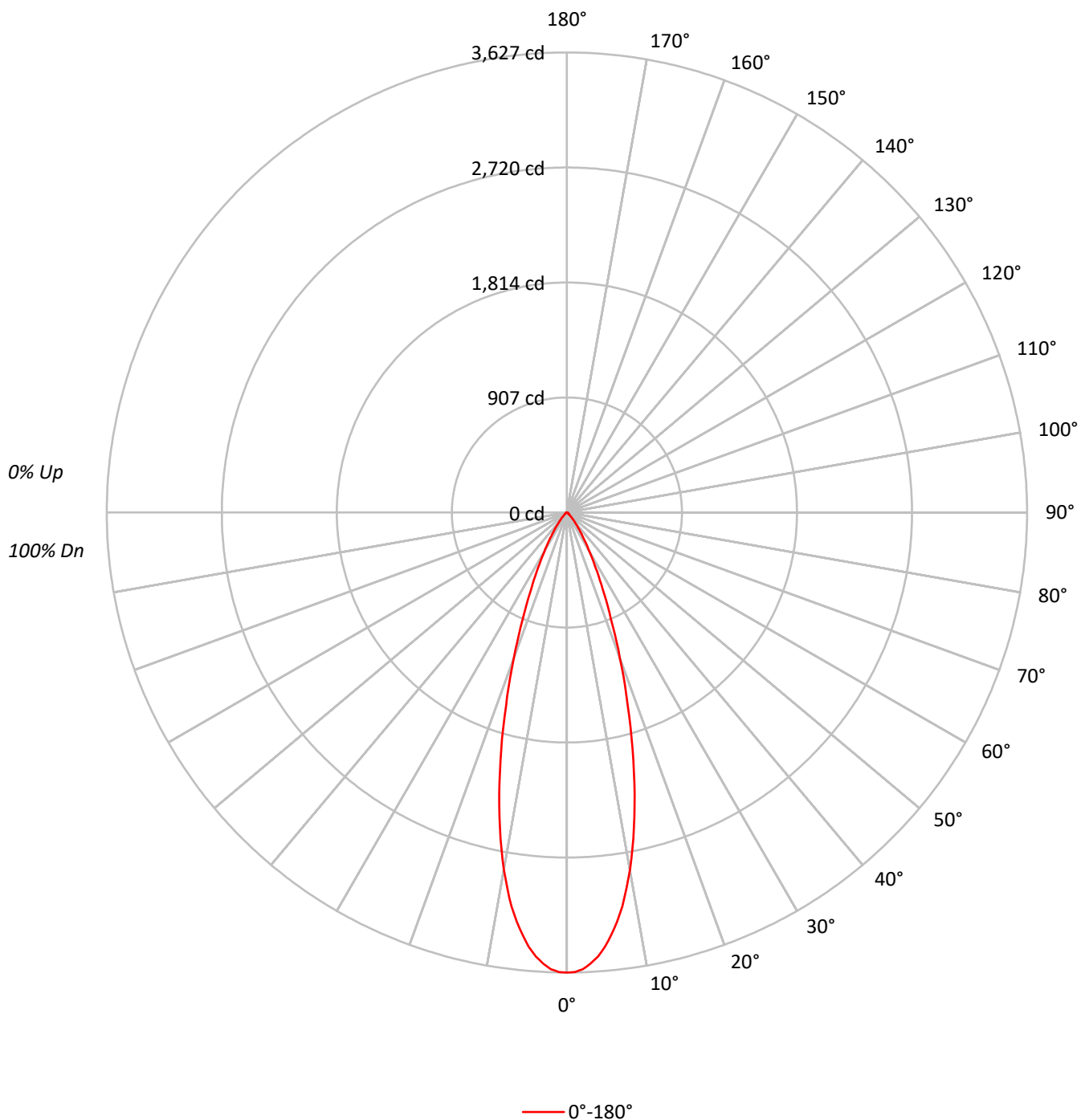
Lumens per Lamp: N/A
Luminaire Lumens: 1363.0 lumens
Efficiency: N/A
Efficacy: 64.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1252339

CATALOG NUMBER: P3AS17R309030DE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	795353
5°	757009
10°	636751
15°	459208
20°	284831
25°	161985
30°	89989
35°	48934
40°	25791
45°	13986
50°	7471
55°	4932
60°	4517
65°	4670
70°	4103
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13986 cd/sqm

TEST NUMBER: P1252339

CATALOG NUMBER: P3AS17R309030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	309.7	22.7
10°-20°	550.5	40.4
20°-30°	318.1	23.3
30°-40°	120.7	8.9
40°-50°	37.1	2.7
50°-60°	12.5	0.9
60°-70°	8.4	0.6
70°-80°	4.6	0.3
80°-90°	1.4	0.1
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°	1178.3	86.4
0°-40°	1299.0	95.3
0°-60°	1348.6	98.9
0°-90°	1363.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1363.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3627	
5°	3439	310
15°	2023	550
25°	670	318
35°	183	121
45°	45	37
55°	13	12
65°	9	8
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1252339

CATALOG NUMBER: P3AS17R309030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3627.1
1°	3624.5
2°	3602.6
3°	3561.4
4°	3509.9
5°	3439.1
6°	3349.0
7°	3248.6
8°	3136.5
9°	3002.6
10°	2859.7
11°	2705.2
12°	2541.7
13°	2370.4
14°	2196.6
15°	2022.8
17.5°	1595.3
20°	1220.6
22.5°	905.2
25°	669.5
27.5°	486.7
30°	355.4
32.5°	256.2
35°	182.8
37.5°	127.5
40°	90.1
42.5°	63.1
45°	45.1
47.5°	30.9
50°	21.9
52.5°	15.5
55°	12.9
57.5°	11.6
60°	10.3
62.5°	9.0
65°	9.0
67.5°	7.7
70°	6.4
72.5°	5.2
75°	3.9
77.5°	3.9
80°	2.6
82.5°	2.6
85°	1.3
87.5°	0.0



TEST NUMBER: P1252339

CATALOG NUMBER: P3AS17R309030DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)