

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: P1263063

Luminaire Tested: P3A17R359727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

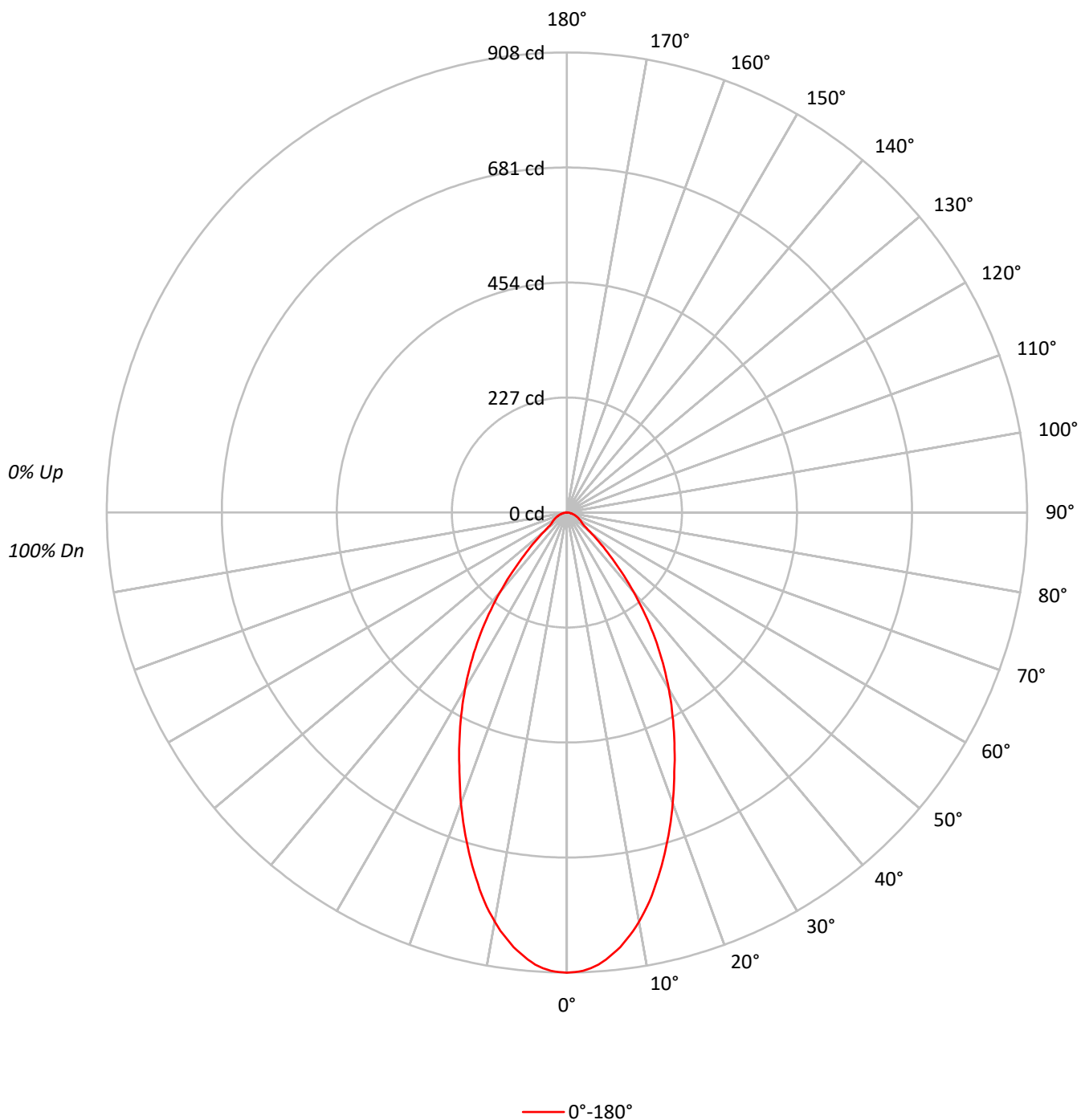
Lumens per Lamp: N/A
Luminaire Lumens: 872.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	199195
5°	194981
10°	182584
15°	163906
20°	142579
25°	121483
30°	101762
35°	81057
40°	58595
45°	37089
50°	20230
55°	13992
60°	13245
65°	12297
70°	11733
75°	10082
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37089 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.4	9.5
10°-20°	200.9	23.0
20°-30°	230.2	26.4
30°-40°	187.9	21.5
40°-50°	94.7	10.9
50°-60°	35.2	4.0
60°-70°	23.6	2.7
70°-80°	13.1	1.5
80°-90°	4.0	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°	513.6	58.9
0°-40°	701.5	80.4
0°-60°	831.4	95.3
0°-90°	872.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	872.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	908	
5°	886	82
15°	722	201
25°	502	230
35°	303	188
45°	120	95
55°	37	35
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	908.4
1°	907.3
2°	905.2
3°	900.8
4°	894.4
5°	885.8
6°	875.0
7°	864.2
8°	850.2
9°	836.2
10°	820.0
11°	802.8
12°	784.5
13°	764.0
14°	742.4
15°	722.0
17.5°	667.0
20°	611.0
22.5°	553.9
25°	502.1
27.5°	451.5
30°	401.9
32.5°	352.4
35°	302.8
37.5°	253.2
40°	204.7
42.5°	159.5
45°	119.6
47.5°	86.2
50°	59.3
52.5°	43.1
55°	36.6
57.5°	33.4
60°	30.2
62.5°	26.9
65°	23.7
67.5°	20.5
70°	18.3
72.5°	15.1
75°	11.9
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	2.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)