

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: P1263035

Luminaire Tested: P3A17R309727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263035
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: P3A17R309727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

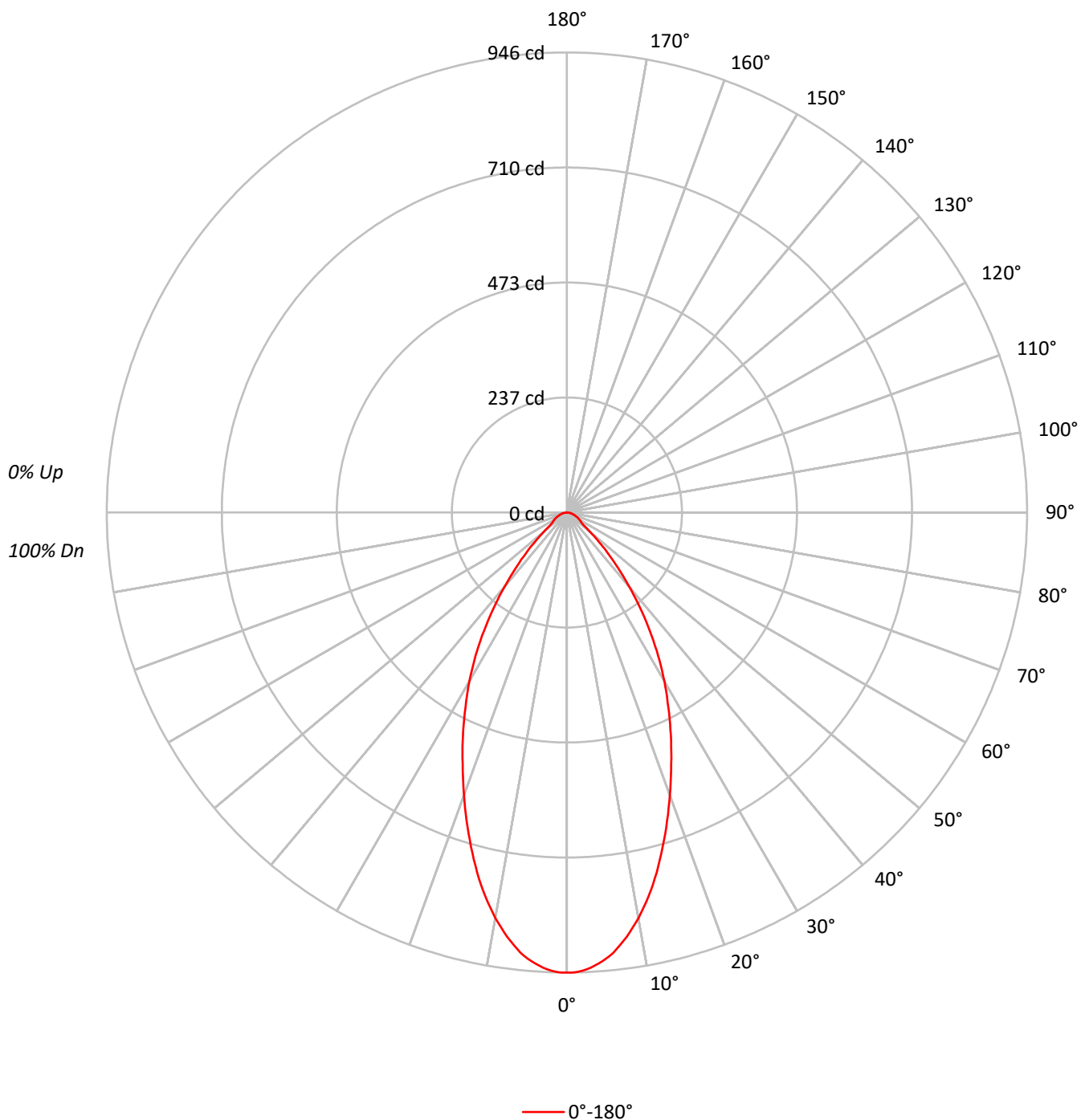
Lumens per Lamp: N/A
Luminaire Lumens: 878.0 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	207440
5°	202773
10°	188551
15°	167788
20°	144306
25°	122257
30°	101484
35°	79612
40°	57050
45°	37430
50°	21321
55°	13992
60°	13245
65°	12297
70°	11028
75°	10082
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37430 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.5	9.7
10°-20°	205.5	23.4
20°-30°	231.6	26.4
30°-40°	184.9	21.1
40°-50°	95.0	10.8
50°-60°	35.8	4.1
60°-70°	23.4	2.7
70°-80°	12.6	1.4
80°-90°	3.7	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°	522.5	59.5
0°-40°	707.5	80.6
0°-60°	838.3	95.5
0°-90°	878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	878.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	946	
5°	921	86
15°	739	205
25°	505	232
35°	297	185
45°	121	95
55°	37	36
65°	24	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	946.0
1°	946.0
2°	942.7
3°	937.3
4°	929.8
5°	921.2
6°	910.4
7°	896.4
8°	881.3
9°	864.1
10°	846.8
11°	827.4
12°	807.0
13°	785.4
14°	762.8
15°	739.1
17.5°	678.8
20°	618.4
22.5°	560.2
25°	505.3
27.5°	451.4
30°	400.8
32.5°	349.1
35°	297.4
37.5°	246.7
40°	199.3
42.5°	157.3
45°	120.7
47.5°	89.4
50°	62.5
52.5°	44.2
55°	36.6
57.5°	33.4
60°	30.2
62.5°	26.9
65°	23.7
67.5°	20.5
70°	17.2
72.5°	14.0
75°	11.9
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)