

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: P1263207

Luminaire Tested: P3A17R609727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263207
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: P3A17R609727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

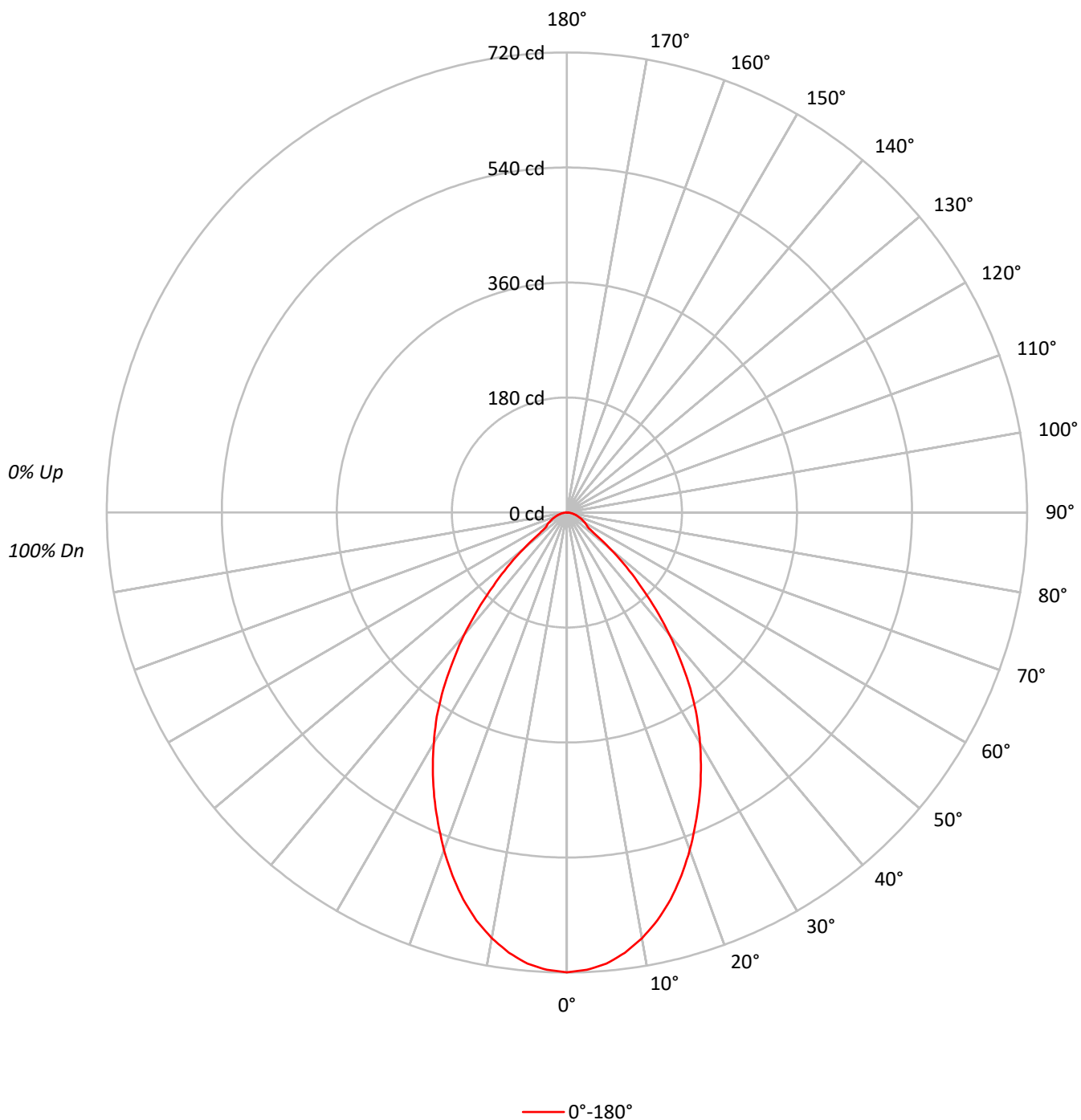
Lumens per Lamp: N/A
Luminaire Lumens: 889.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	157816
5°	156042
10°	150632
15°	142316
20°	131168
25°	118773
30°	105459
35°	90105
40°	71649
45°	50517
50°	30191
55°	15254
60°	14648
65°	13439
70°	12438
75°	11861
80°	10860
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50517 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.6	7.5
10°-20°	175.2	19.7
20°-30°	224.9	25.3
30°-40°	208.6	23.5
40°-50°	127.0	14.3
50°-60°	42.3	4.8
60°-70°	25.7	2.9
70°-80°	14.5	1.6
80°-90°	4.1	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°	466.8	52.5
0°-40°	675.3	76.0
0°-60°	844.6	95.0
0°-90°	889.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	889.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	709	67
15°	627	175
25°	491	225
35°	337	209
45°	163	127
55°	40	42
65°	26	26
75°	14	15
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	719.7
2.5°	716.4
5°	708.9
7.5°	694.9
10°	676.5
12.5°	653.9
15°	626.9
17.5°	595.6
20°	562.1
22.5°	526.5
25°	490.9
27.5°	454.2
30°	416.5
32.5°	378.7
35°	336.6
37.5°	292.4
40°	250.3
42.5°	206.1
45°	162.9
47.5°	126.2
50°	88.5
52.5°	52.9
55°	39.9
57.5°	36.7
60°	33.4
62.5°	29.1
65°	25.9
67.5°	22.7
70°	19.4
72.5°	16.2
75°	14.0
77.5°	10.8
80°	8.6
82.5°	5.4
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)