

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: P1265586

Luminaire Tested: P3A17R609730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265586
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: P3A17R609730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

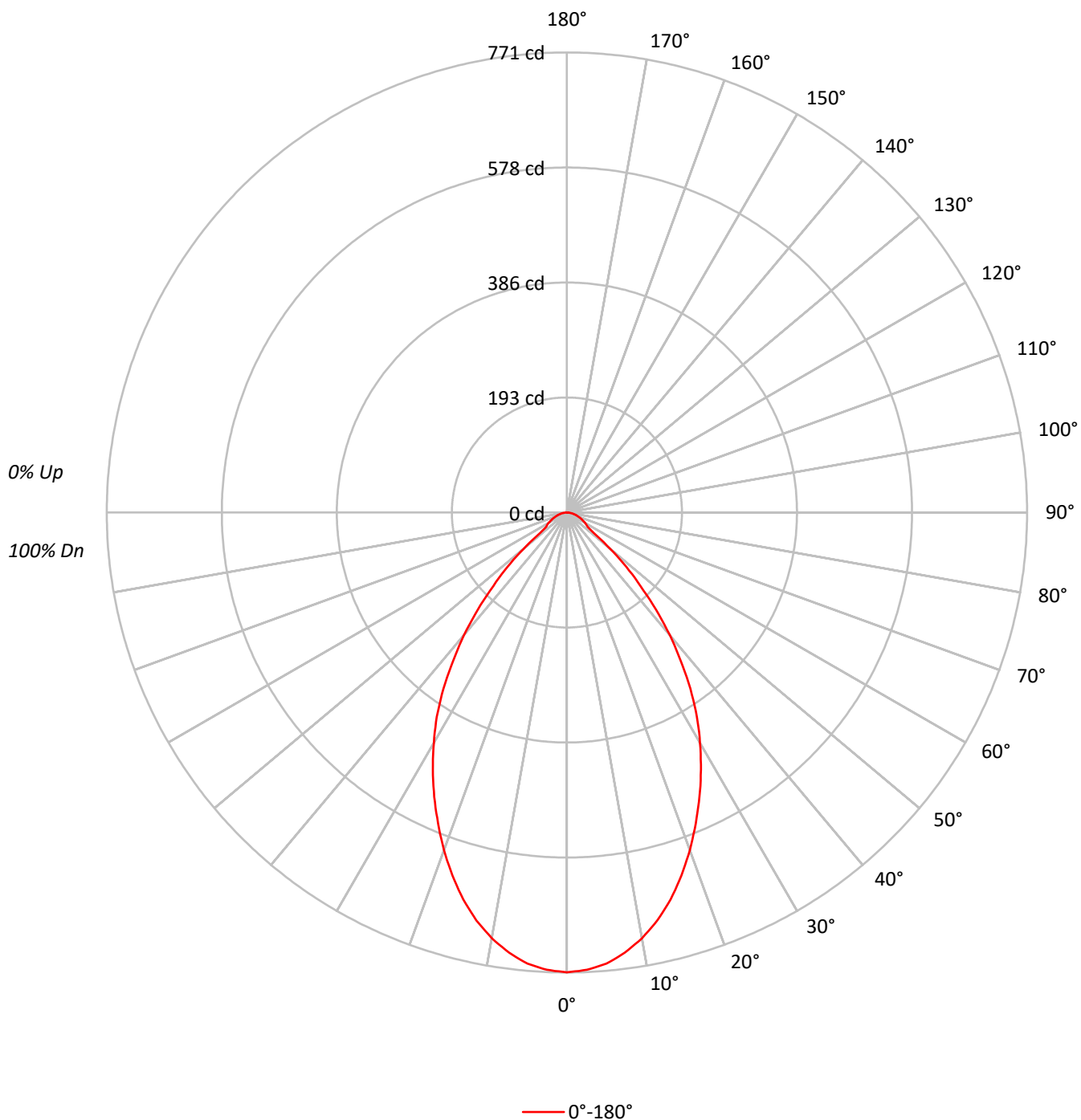
Lumens per Lamp: N/A
Luminaire Lumens: 952.0 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	169000
5°	167092
10°	161320
15°	152396
20°	140479
25°	127193
30°	112929
35°	96503
40°	76744
45°	54114
50°	32306
55°	16363
60°	15700
65°	14372
70°	13336
75°	12709
80°	11618
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54114 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.3	7.5
10°-20°	187.6	19.7
20°-30°	240.9	25.3
30°-40°	223.4	23.5
40°-50°	136.0	14.3
50°-60°	45.3	4.8
60°-70°	27.6	2.9
70°-80°	15.5	1.6
80°-90°	4.4	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°	499.8	52.5
0°-40°	723.2	76.0
0°-60°	904.5	95.0
0°-90°	952.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	952.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	771	
5°	759	71
15°	671	188
25°	526	241
35°	360	223
45°	174	136
55°	43	45
65°	28	28
75°	15	16
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	770.7
2.5°	767.2
5°	759.1
7.5°	744.1
10°	724.5
12.5°	700.2
15°	671.3
17.5°	637.8
20°	602.0
22.5°	563.9
25°	525.7
27.5°	486.4
30°	446.0
32.5°	405.6
35°	360.5
37.5°	313.1
40°	268.1
42.5°	220.7
45°	174.5
47.5°	135.2
50°	94.7
52.5°	56.6
55°	42.8
57.5°	39.3
60°	35.8
62.5°	31.2
65°	27.7
67.5°	24.3
70°	20.8
72.5°	17.3
75°	15.0
77.5°	11.6
80°	9.2
82.5°	5.8
85°	3.5
87.5°	2.3
90°	0.0

(END OF REPORT)