

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: P1262861

Luminaire Tested: P3A13R609727DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262861
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: P3A13R609727DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

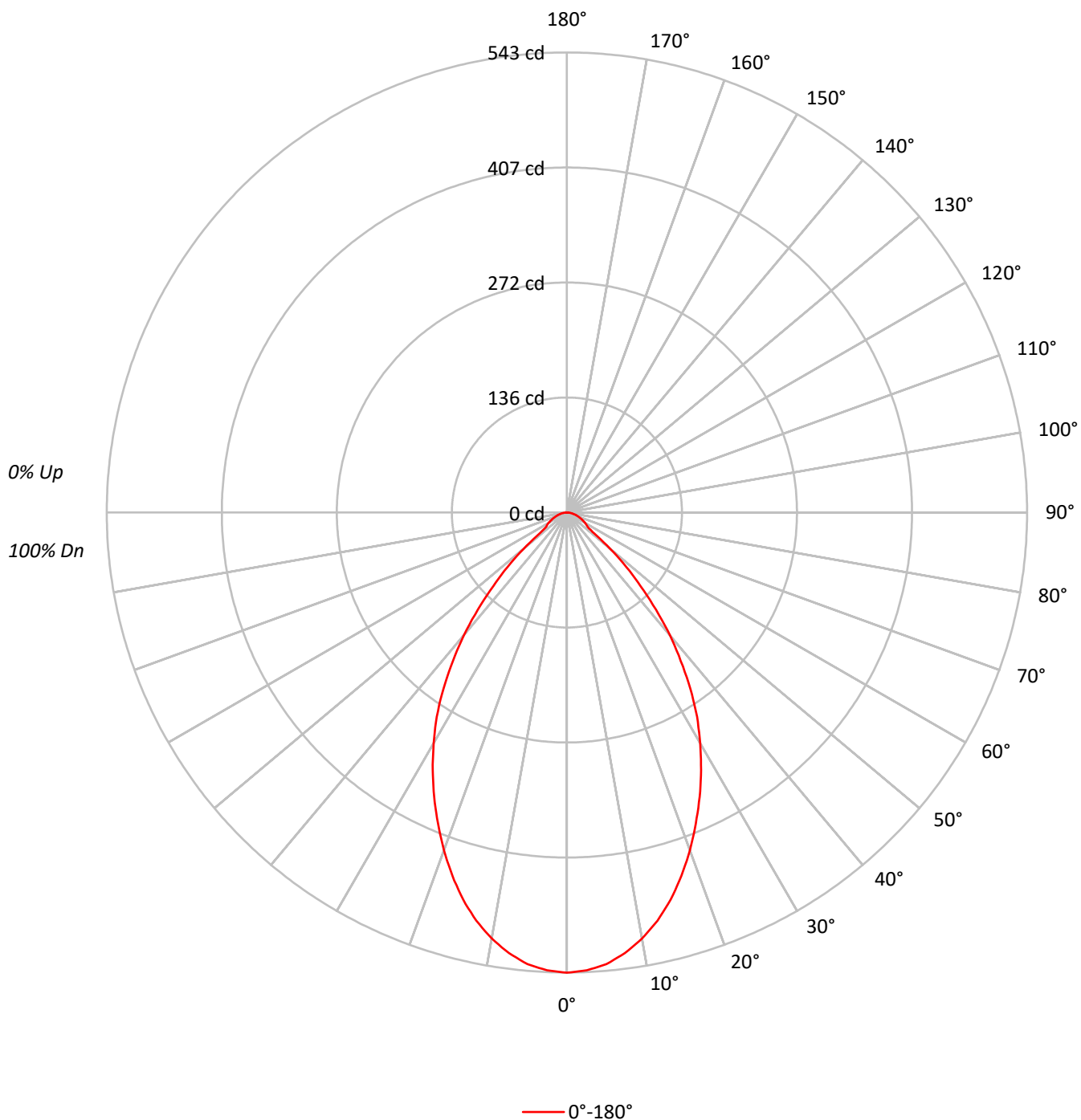
Lumens per Lamp: N/A
Luminaire Lumens: 671.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	98	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°	119113
5°	117785
10°	113692
15°	107424
20°	99012
25°	89642
30°	79607
35°	68021
40°	54073
45°	38143
50°	22788
55°	11507
60°	11052
65°	10118
70°	9425
75°	8981
80°	8208
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	7.5
10°-20°	132.2	19.7
20°-30°	169.8	25.3
30°-40°	157.4	23.5
40°-50°	95.8	14.3
50°-60°	31.9	4.8
60°-70°	19.4	2.9
70°-80°	10.9	1.6
80°-90°	3.1	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°	352.3	52.5
0°-40°	509.7	76.0
0°-60°	637.5	95.0
0°-90°	671.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	543	
5°	535	50
15°	473	132
25°	370	170
35°	254	157
45°	123	96
55°	30	32
65°	20	19
75°	11	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	543.2
2.5°	540.8
5°	535.1
7.5°	524.5
10°	510.6
12.5°	493.5
15°	473.2
17.5°	449.5
20°	424.3
22.5°	397.4
25°	370.5
27.5°	342.9
30°	314.4
32.5°	285.8
35°	254.1
37.5°	220.7
40°	188.9
42.5°	155.5
45°	123.0
47.5°	95.3
50°	66.8
52.5°	39.9
55°	30.1
57.5°	27.7
60°	25.2
62.5°	22.0
65°	19.5
67.5°	17.1
70°	14.7
72.5°	12.2
75°	10.6
77.5°	8.1
80°	6.5
82.5°	4.1
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)