

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: P1272959

Luminaire Tested: P3A02R259830DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R259830DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

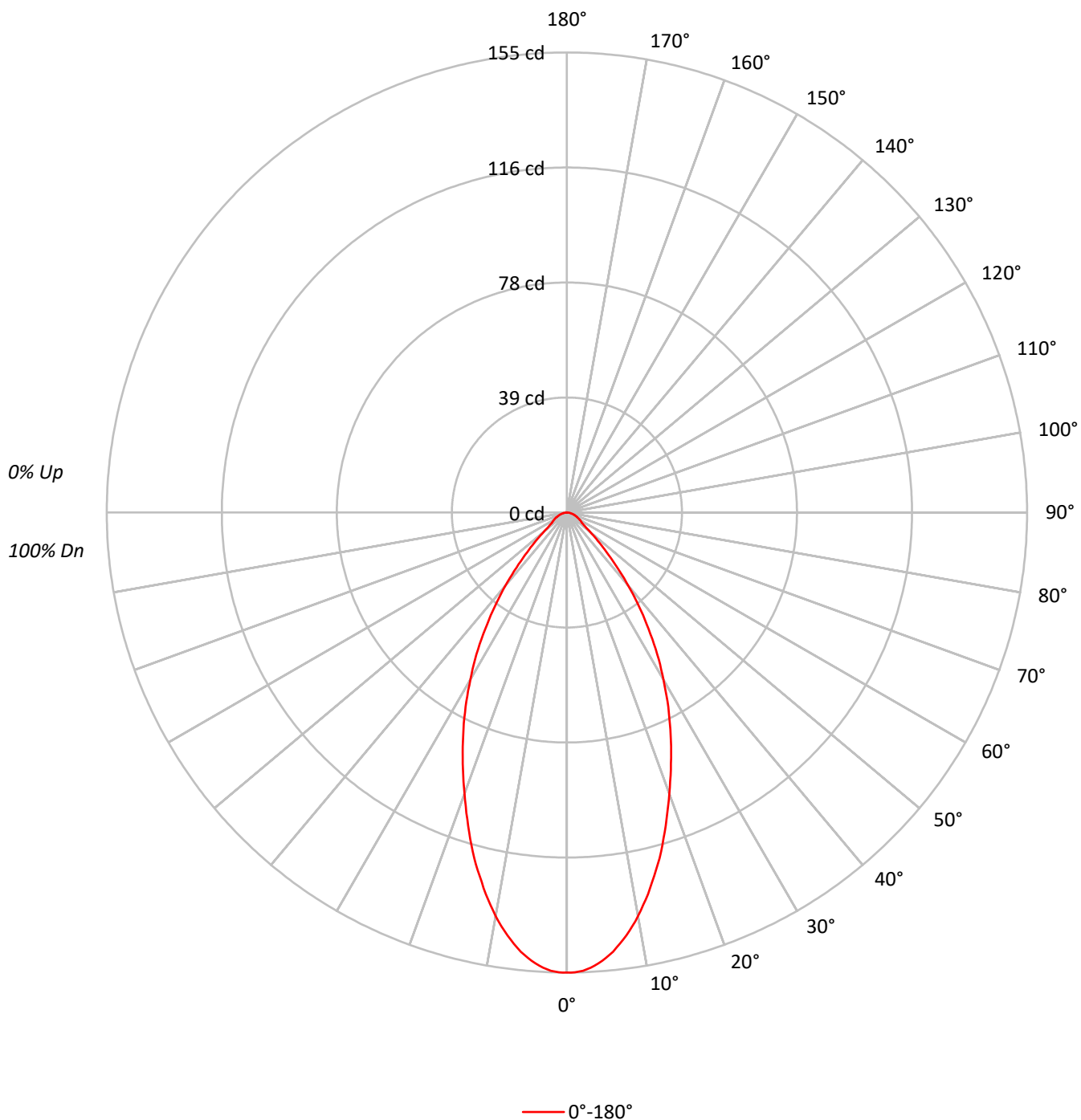
Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 39.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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		83
4	94	85	79	74	92	84	78	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°	33989
5°	33172
10°	30750
15°	27378
20°	23522
25°	20009
30°	16458
35°	12822
40°	9217
45°	5861
50°	3480
55°	2370
60°	2193
65°	2024
70°	1859
75°	1694
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	9.8
10°-20°	33.5	23.4
20°-30°	37.8	26.4
30°-40°	29.9	20.9
40°-50°	15.1	10.6
50°-60°	6.1	4.2
60°-70°	3.9	2.7
70°-80°	2.1	1.5
80°-90°	0.6	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°	85.3	59.6
0°-40°	115.2	80.5
0°-60°	136.4	95.4
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	155	
5°	151	14
15°	121	33
25°	83	38
35°	48	30
45°	19	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	155.0
1°	155.0
2°	154.5
3°	153.6
4°	152.3
5°	150.7
6°	148.8
7°	146.4
8°	143.9
9°	141.1
10°	138.1
11°	134.7
12°	131.5
13°	127.7
14°	124.2
15°	120.6
17.5°	110.6
20°	100.8
22.5°	91.6
25°	82.7
27.5°	73.9
30°	65.0
32.5°	56.7
35°	47.9
37.5°	39.9
40°	32.2
42.5°	25.1
45°	18.9
47.5°	14.1
50°	10.2
52.5°	7.7
55°	6.2
57.5°	5.7
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	2.9
72.5°	2.5
75°	2.0
77.5°	1.6
80°	1.2
82.5°	0.9
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)