

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: P1268567

Luminaire Tested: P3A02R209740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268567
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

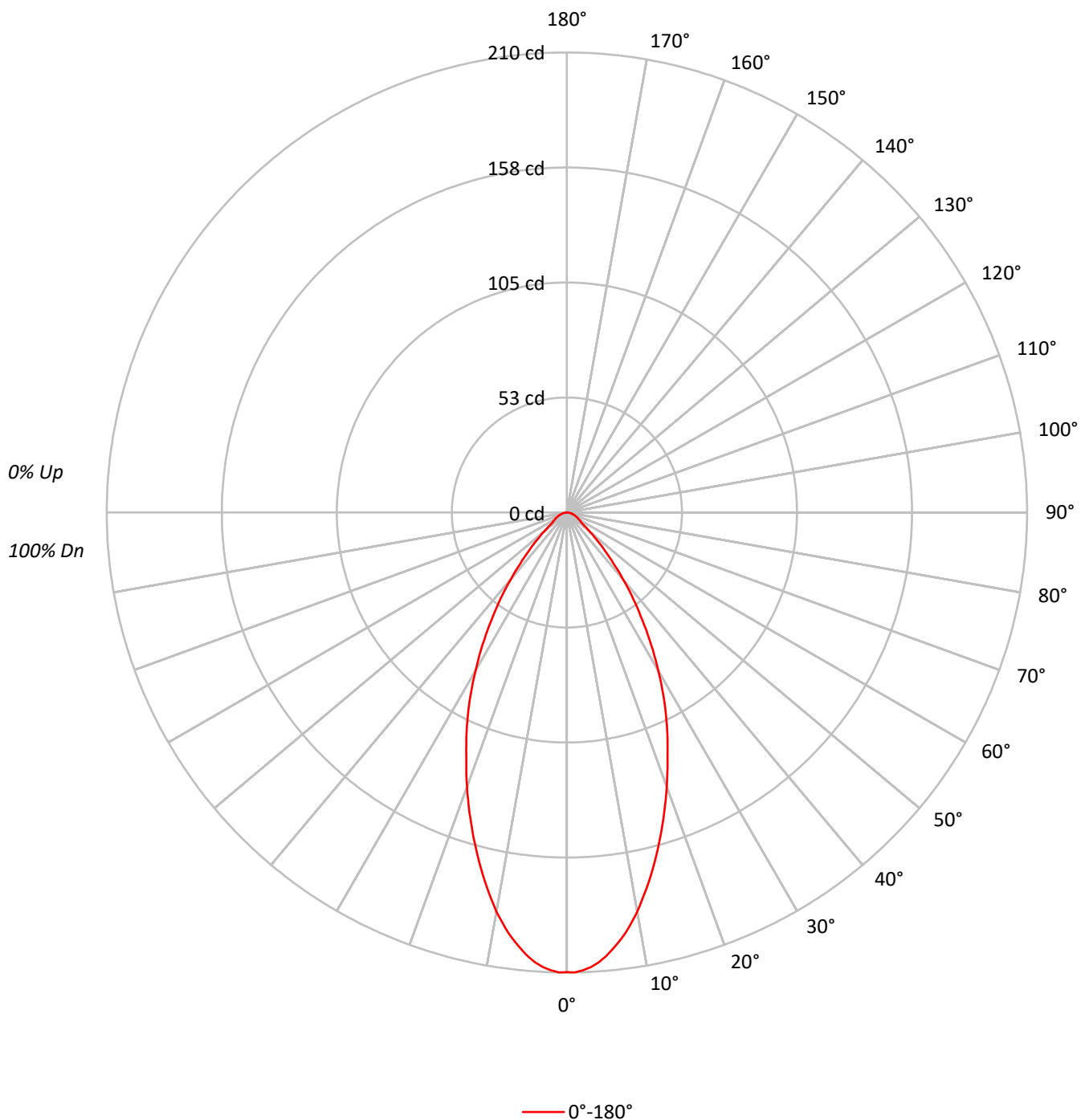
Lumens per Lamp: N/A
Luminaire Lumens: 186.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46005
5°	44772
10°	41193
15°	36254
20°	31106
25°	26131
30°	21117
35°	16062
40°	11421
45°	7536
50°	4674
55°	3058
60°	2807
65°	2594
70°	2436
75°	2203
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	10.1
10°-20°	44.5	23.9
20°-30°	49.4	26.5
30°-40°	37.7	20.2
40°-50°	19.3	10.4
50°-60°	7.9	4.3
60°-70°	5.0	2.7
70°-80°	2.8	1.5
80°-90°	0.8	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°	112.6	60.6
0°-40°	150.3	80.8
0°-60°	177.5	95.4
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	210	
5°	203	19
15°	160	44
25°	108	49
35°	60	38
45°	24	19
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	209.8
1°	210.0
2°	209.1
3°	207.9
4°	206.0
5°	203.4
6°	200.4
7°	197.1
8°	193.5
9°	189.3
10°	185.0
12.5°	172.7
15°	159.7
17.5°	146.5
20°	133.3
22.5°	120.0
25°	108.0
27.5°	95.9
30°	83.4
32.5°	71.6
35°	60.0
37.5°	49.9
40°	39.9
42.5°	31.4
45°	24.3
47.5°	18.4
50°	13.7
52.5°	10.2
55°	8.0
57.5°	7.3
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.8
72.5°	3.1
75°	2.6
77.5°	2.1
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)