

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: P1264686

Luminaire Tested: P3A09R359730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264686
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

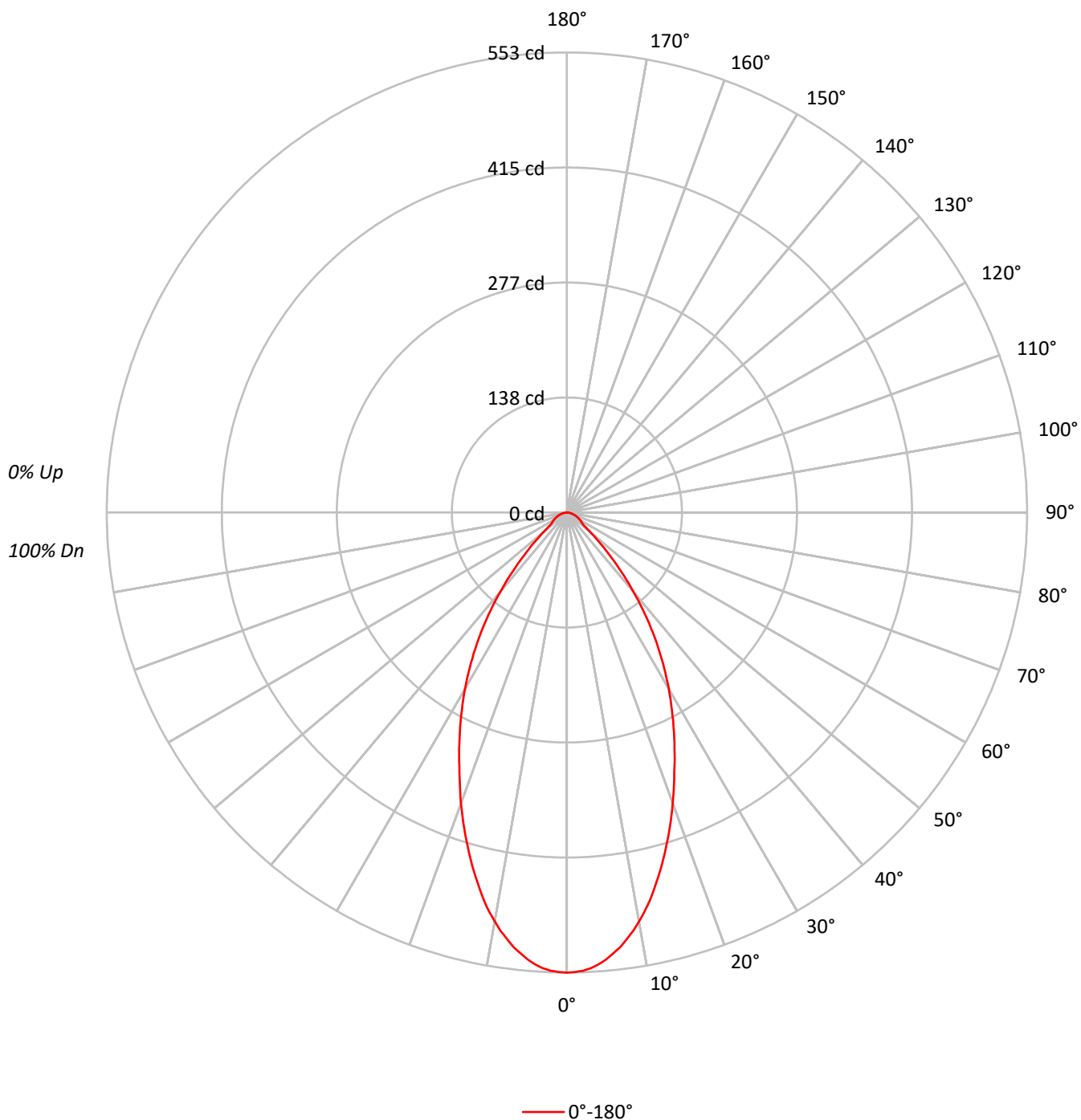
Lumens per Lamp: N/A
Luminaire Lumens: 531.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121306
5°	118732
10°	111176
15°	99796
20°	86831
25°	73988
30°	61984
35°	49362
40°	35695
45°	22576
50°	12315
55°	8525
60°	8070
65°	7472
70°	7181
75°	6100
80°	5809
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22576 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.2	9.5
10°-20°	122.3	23.0
20°-30°	140.2	26.4
30°-40°	114.4	21.5
40°-50°	57.7	10.9
50°-60°	21.4	4.0
60°-70°	14.4	2.7
70°-80°	8.0	1.5
80°-90°	2.4	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°	312.8	58.9
0°-40°	427.2	80.4
0°-60°	506.3	95.3
0°-90°	531.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	531.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	553	
5°	539	50
15°	440	122
25°	306	140
35°	184	114
45°	73	58
55°	22	21
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	553.2
1°	552.5
2°	551.2
3°	548.6
4°	544.6
5°	539.4
6°	532.8
7°	526.3
8°	517.7
9°	509.2
10°	499.3
11°	488.9
12°	477.7
13°	465.2
14°	452.1
15°	439.6
17.5°	406.2
20°	372.1
22.5°	337.3
25°	305.8
27.5°	274.9
30°	244.8
32.5°	214.6
35°	184.4
37.5°	154.2
40°	124.7
42.5°	97.1
45°	72.8
47.5°	52.5
50°	36.1
52.5°	26.2
55°	22.3
57.5°	20.3
60°	18.4
62.5°	16.4
65°	14.4
67.5°	12.5
70°	11.2
72.5°	9.2
75°	7.2
77.5°	5.9
80°	4.6
82.5°	3.3
85°	2.0
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)