

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: P1266216

Luminaire Tested: P3A02R259735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266216
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: P3A02R259735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

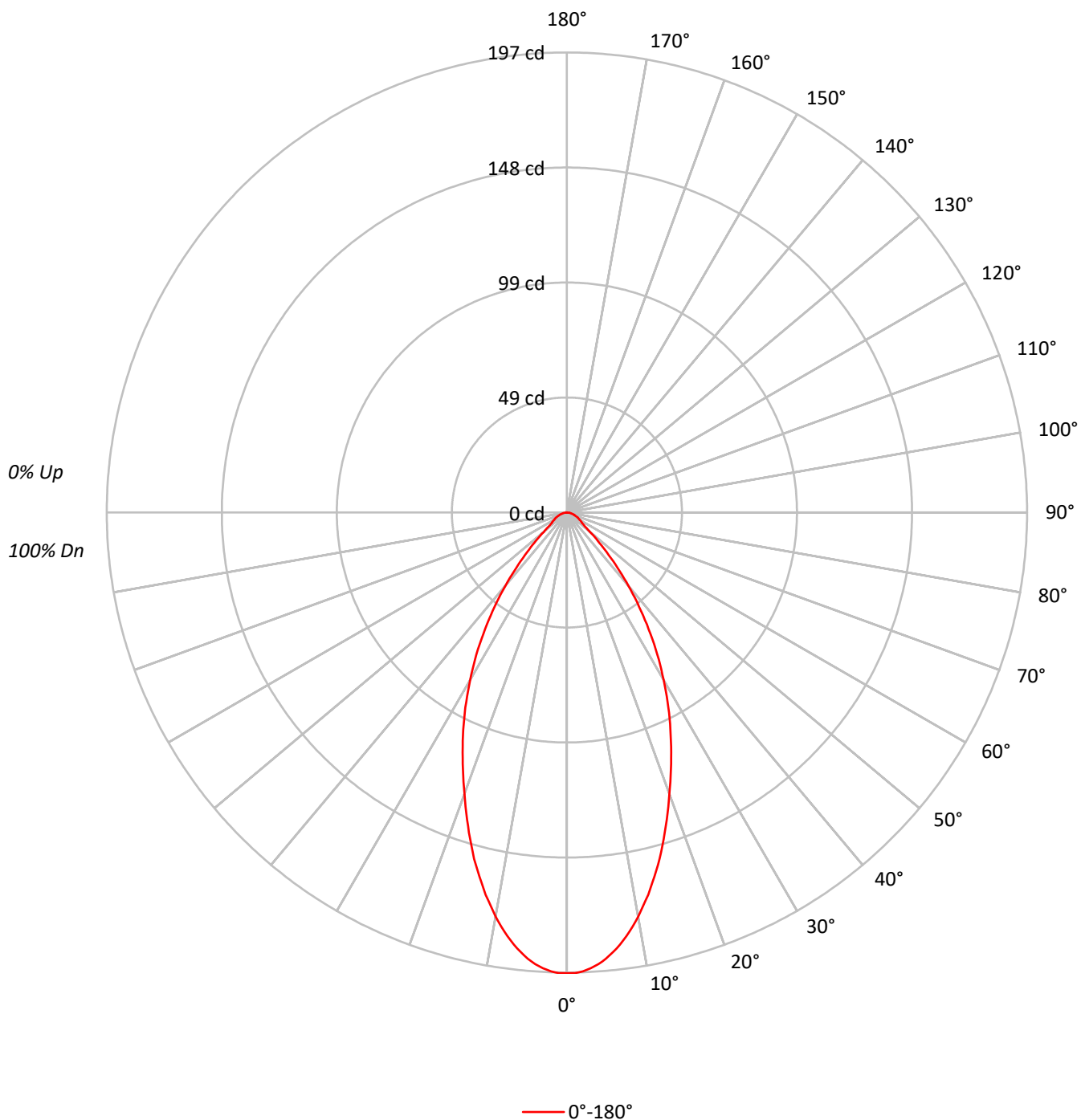
Lumens per Lamp: N/A
Luminaire Lumens: 182.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	43264
5°	42219
10°	39122
15°	34847
20°	29939
25°	25453
30°	20965
35°	16329
40°	11736
45°	7443
50°	4401
55°	3020
60°	2763
65°	2594
70°	2308
75°	2118
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	9.8
10°-20°	42.6	23.4
20°-30°	48.1	26.5
30°-40°	38.1	20.9
40°-50°	19.2	10.6
50°-60°	7.7	4.2
60°-70°	4.9	2.7
70°-80°	2.7	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°	108.5	59.7
0°-40°	146.6	80.6
0°-60°	173.5	95.4
0°-90°	182.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	197	
5°	192	18
15°	154	43
25°	105	48
35°	61	38
45°	24	19
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	197.3
1°	197.3
2°	196.6
3°	195.4
4°	193.9
5°	191.8
6°	189.3
7°	186.4
8°	183.2
9°	179.6
10°	175.7
11°	171.4
12°	167.3
13°	162.6
14°	158.0
15°	153.5
17.5°	140.8
20°	128.3
22.5°	116.5
25°	105.2
27.5°	94.1
30°	82.8
32.5°	72.1
35°	61.0
37.5°	50.8
40°	41.0
42.5°	32.0
45°	24.0
47.5°	17.9
50°	12.9
52.5°	9.7
55°	7.9
57.5°	7.3
60°	6.3
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.6
72.5°	3.2
75°	2.5
77.5°	2.0
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)