

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: P1268655

Luminaire Tested: P3A02R359740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268655
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: P3A02R359740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

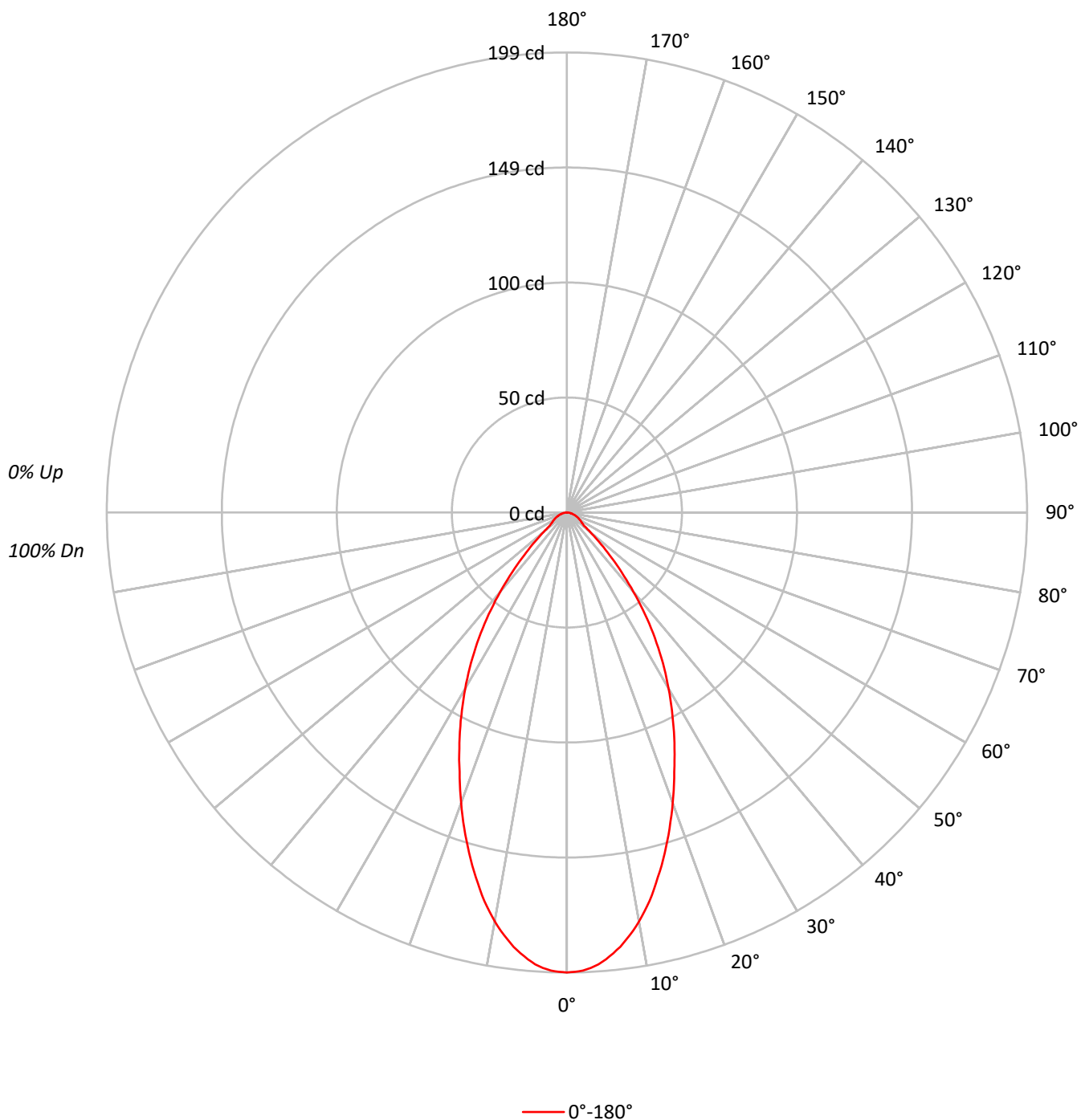
Lumens per Lamp: N/A
Luminaire Lumens: 191.0 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	43637
5°	42703
10°	39990
15°	35891
20°	31223
25°	26614
30°	22282
35°	17748
40°	12824
45°	8125
50°	4435
55°	3058
60°	2895
65°	2698
70°	2565
75°	2203
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8125 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	9.5
10°-20°	44.0	23.0
20°-30°	50.4	26.4
30°-40°	41.2	21.5
40°-50°	20.7	10.9
50°-60°	7.7	4.0
60°-70°	5.2	2.7
70°-80°	2.9	1.5
80°-90°	0.9	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°	112.5	58.9
0°-40°	153.6	80.4
0°-60°	182.1	95.3
0°-90°	191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	191.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	199	
5°	194	18
15°	158	44
25°	110	50
35°	66	41
45°	26	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	199.0
1°	198.7
2°	198.3
3°	197.3
4°	195.9
5°	194.0
6°	191.7
7°	189.3
8°	186.2
9°	183.2
10°	179.6
11°	175.8
12°	171.8
13°	167.3
14°	162.6
15°	158.1
17.5°	146.1
20°	133.8
22.5°	121.3
25°	110.0
27.5°	98.9
30°	88.0
32.5°	77.2
35°	66.3
37.5°	55.5
40°	44.8
42.5°	34.9
45°	26.2
47.5°	18.9
50°	13.0
52.5°	9.4
55°	8.0
57.5°	7.3
60°	6.6
62.5°	5.9
65°	5.2
67.5°	4.5
70°	4.0
72.5°	3.3
75°	2.6
77.5°	2.1
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)