

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: P1264012

Luminaire Tested: P3A02R559730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R559730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

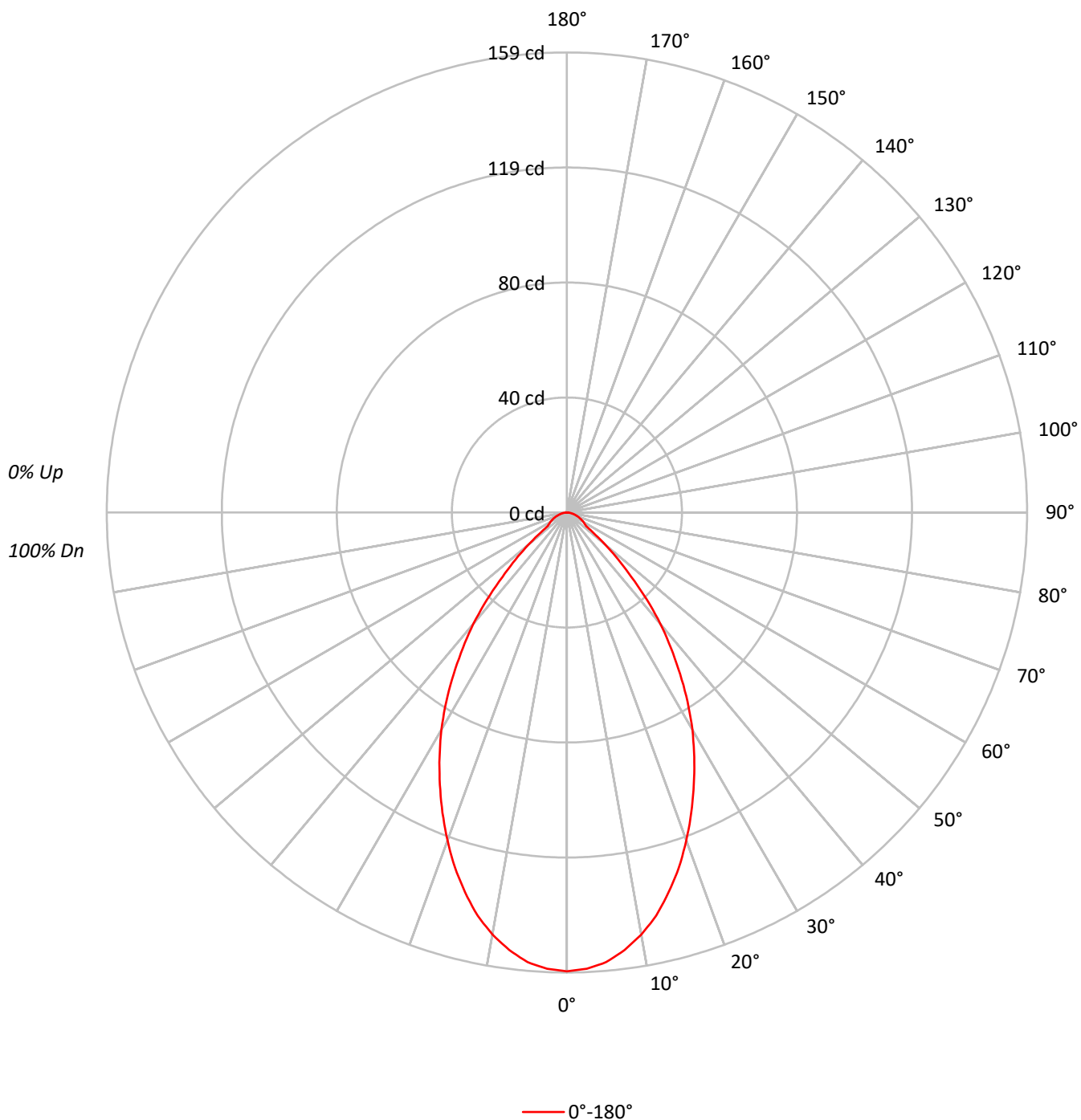
Lumens per Lamp: N/A
Luminaire Lumens: 185.0 lumens
Efficiency: N/A
Efficacy: 51.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	100	98		99	97	96		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	54	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34778
5°	34338
10°	32976
15°	30851
20°	28142
25°	25114
30°	21953
35°	18257
40°	14398
45°	9768
50°	5970
55°	3097
60°	2895
65°	2698
70°	2500
75°	2203
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.6	7.9
10°-20°	38.0	20.5
20°-30°	47.6	25.7
30°-40°	42.5	23.0
40°-50°	24.9	13.4
50°-60°	8.6	4.7
60°-70°	5.2	2.8
70°-80°	2.9	1.6
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°	100.2	54.1
0°-40°	142.7	77.1
0°-60°	176.1	95.2
0°-90°	185.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	185.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	159	
5°	156	15
15°	136	38
25°	104	48
35°	68	42
45°	32	25
55°	8	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	158.6
2.5°	157.8
5°	156.0
7.5°	152.5
10°	148.1
12.5°	142.7
15°	135.9
17.5°	128.7
20°	120.6
22.5°	112.3
25°	103.8
27.5°	95.3
30°	86.7
32.5°	77.6
35°	68.2
37.5°	59.0
40°	50.3
42.5°	40.9
45°	31.5
47.5°	24.0
50°	17.5
52.5°	11.4
55°	8.1
57.5°	7.2
60°	6.6
62.5°	5.9
65°	5.2
67.5°	4.6
70°	3.9
72.5°	3.3
75°	2.6
77.5°	2.2
80°	1.7
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)