

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: P1264128

Luminaire Tested: P3A05R109730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

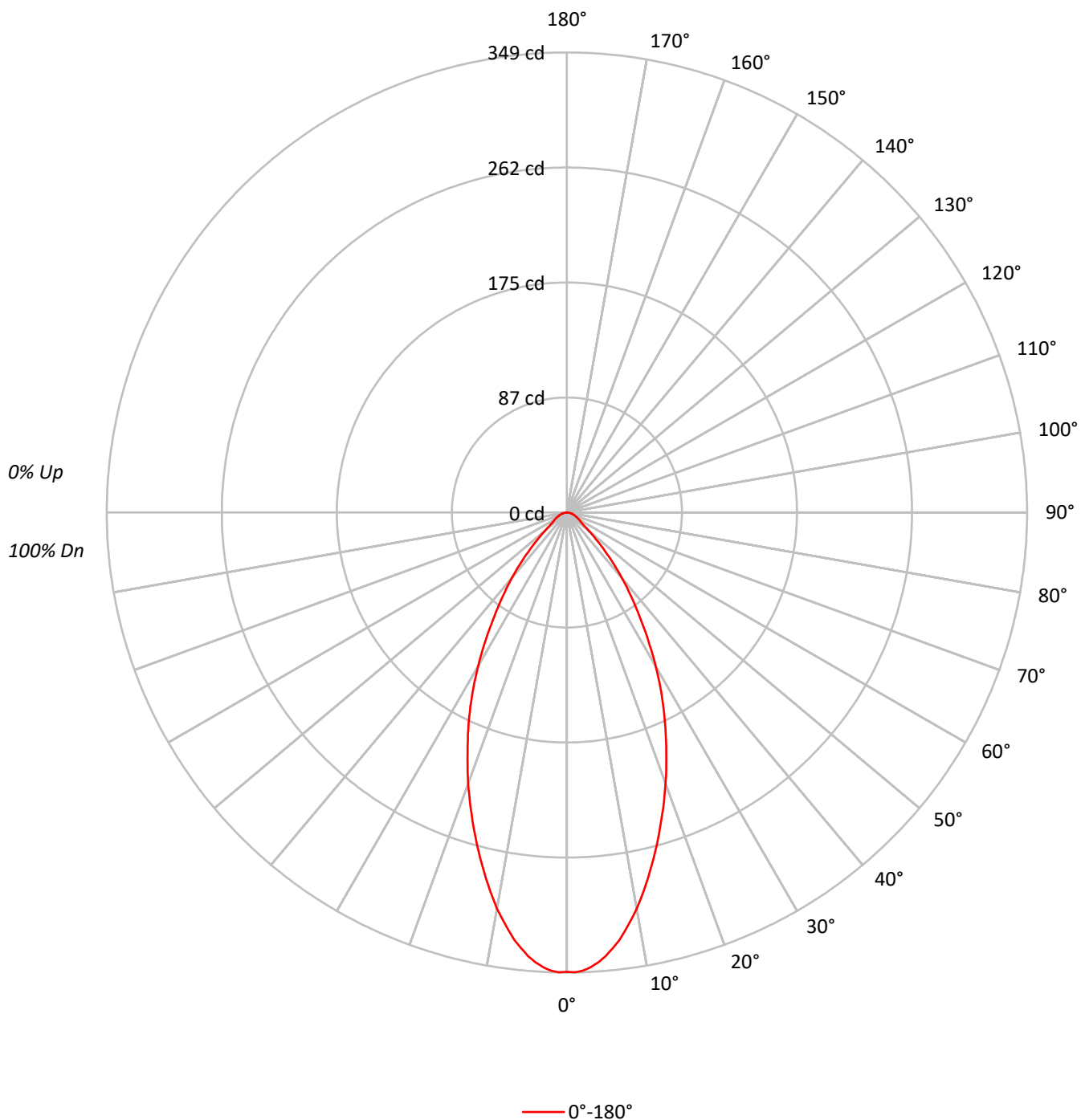
Lumens per Lamp: N/A
Luminaire Lumens: 303.1 lumens
Efficiency: N/A
Efficacy: 38.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76419
5°	74356
10°	67957
15°	59524
20°	51058
25°	42631
30°	34107
35°	25591
40°	18578
45°	12156
50°	7607
55°	5123
60°	4561
65°	4203
70°	3911
75°	3558
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12156 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	10.3
10°-20°	73.1	24.1
20°-30°	80.5	26.6
30°-40°	60.3	19.9
40°-50°	31.3	10.3
50°-60°	12.9	4.3
60°-70°	8.0	2.6
70°-80°	4.5	1.5
80°-90°	1.3	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°	184.7	60.9
0°-40°	245.0	80.8
0°-60°	289.2	95.4
0°-90°	303.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	303.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	348	
5°	338	31
15°	262	73
25°	176	80
35°	96	60
45°	39	31
55°	13	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	348.5
1°	348.9
2°	347.8
3°	345.5
4°	342.0
5°	337.8
6°	332.4
7°	326.7
8°	319.7
9°	312.5
10°	305.2
12.5°	284.1
15°	262.2
17.5°	240.3
20°	218.8
22.5°	196.9
25°	176.2
27.5°	155.5
30°	134.7
32.5°	114.4
35°	95.6
37.5°	79.5
40°	64.9
42.5°	51.4
45°	39.2
47.5°	29.6
50°	22.3
52.5°	16.5
55°	13.4
57.5°	11.9
60°	10.4
62.5°	9.2
65°	8.1
67.5°	6.9
70°	6.1
72.5°	5.0
75°	4.2
77.5°	3.5
80°	2.7
82.5°	1.9
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)