

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: P1246372

Luminaire Tested: P3A09R109024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R109024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

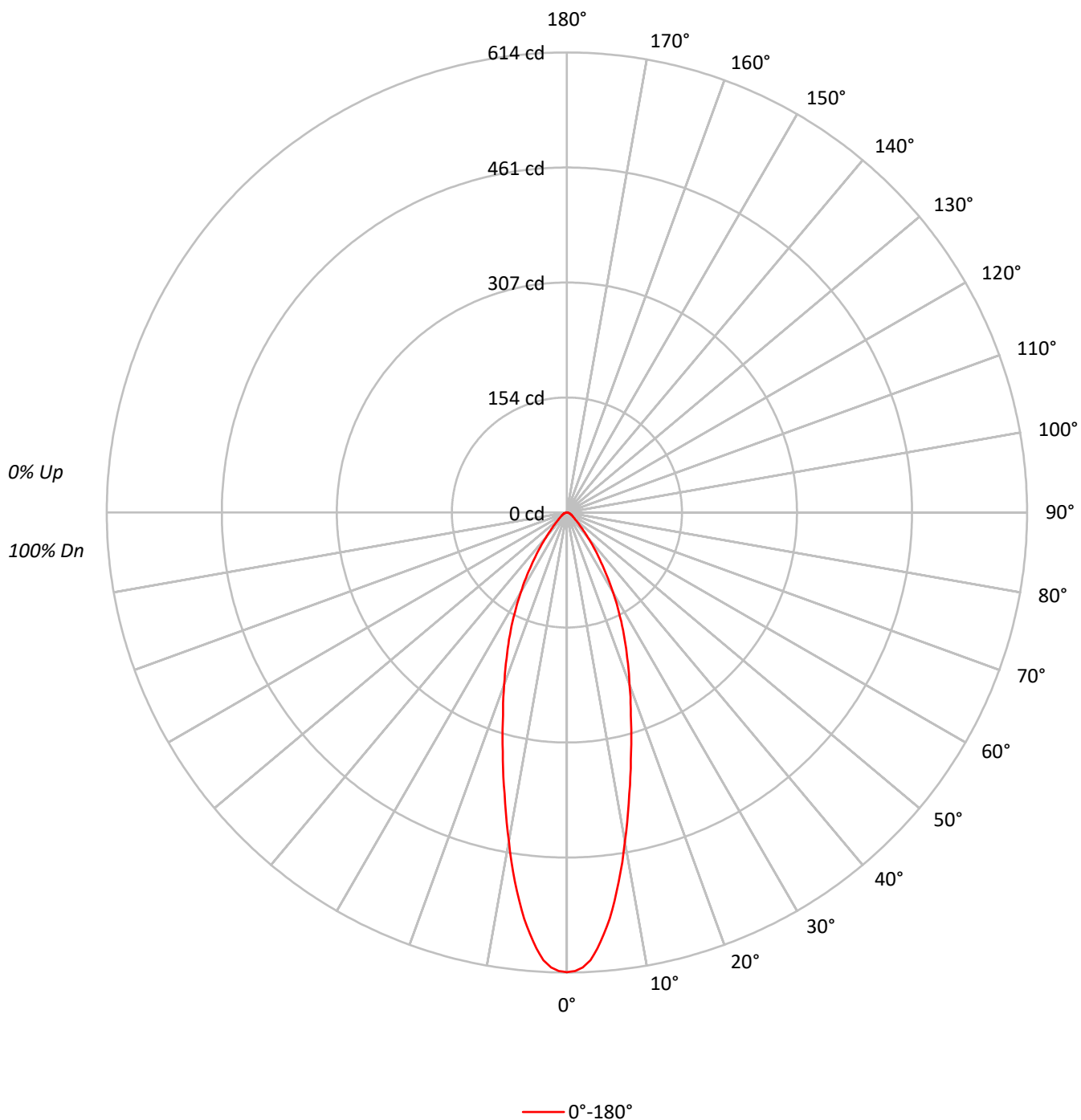
Lumens per Lamp: N/A
Luminaire Lumens: 312.0 lumens
Efficiency: N/A
Efficacy: 25.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134551
5°	124345
10°	99286
15°	74983
20°	57102
25°	43527
30°	31169
35°	20345
40°	12481
45°	7536
50°	5015
55°	3861
60°	3333
65°	2906
70°	2629
75°	2542
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	16.0
10°-20°	92.3	29.6
20°-30°	82.2	26.4
30°-40°	48.6	15.6
40°-50°	19.9	6.4
50°-60°	9.4	3.0
60°-70°	5.7	1.8
70°-80°	3.0	1.0
80°-90°	0.7	0.2
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°	224.6	72.0
0°-40°	273.2	87.6
0°-60°	302.5	97.0
0°-90°	312.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	312.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	614	
5°	565	50
15°	330	92
25°	180	82
35°	76	49
45°	24	20
55°	10	9
65°	6	6
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	613.6
1°	612.0
2°	607.5
3°	598.4
4°	583.2
5°	564.9
6°	545.2
7°	521.9
8°	497.5
9°	472.7
10°	445.9
12.5°	384.6
15°	330.3
17.5°	283.7
20°	244.7
22.5°	210.3
25°	179.9
27.5°	150.5
30°	123.1
32.5°	98.3
35°	76.0
37.5°	58.3
40°	43.6
42.5°	32.4
45°	24.3
47.5°	18.7
50°	14.7
52.5°	12.2
55°	10.1
57.5°	8.6
60°	7.6
62.5°	6.6
65°	5.6
67.5°	5.1
70°	4.1
72.5°	3.5
75°	3.0
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)