

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: P1267011

Luminaire Tested: P3A09R259735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267011
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

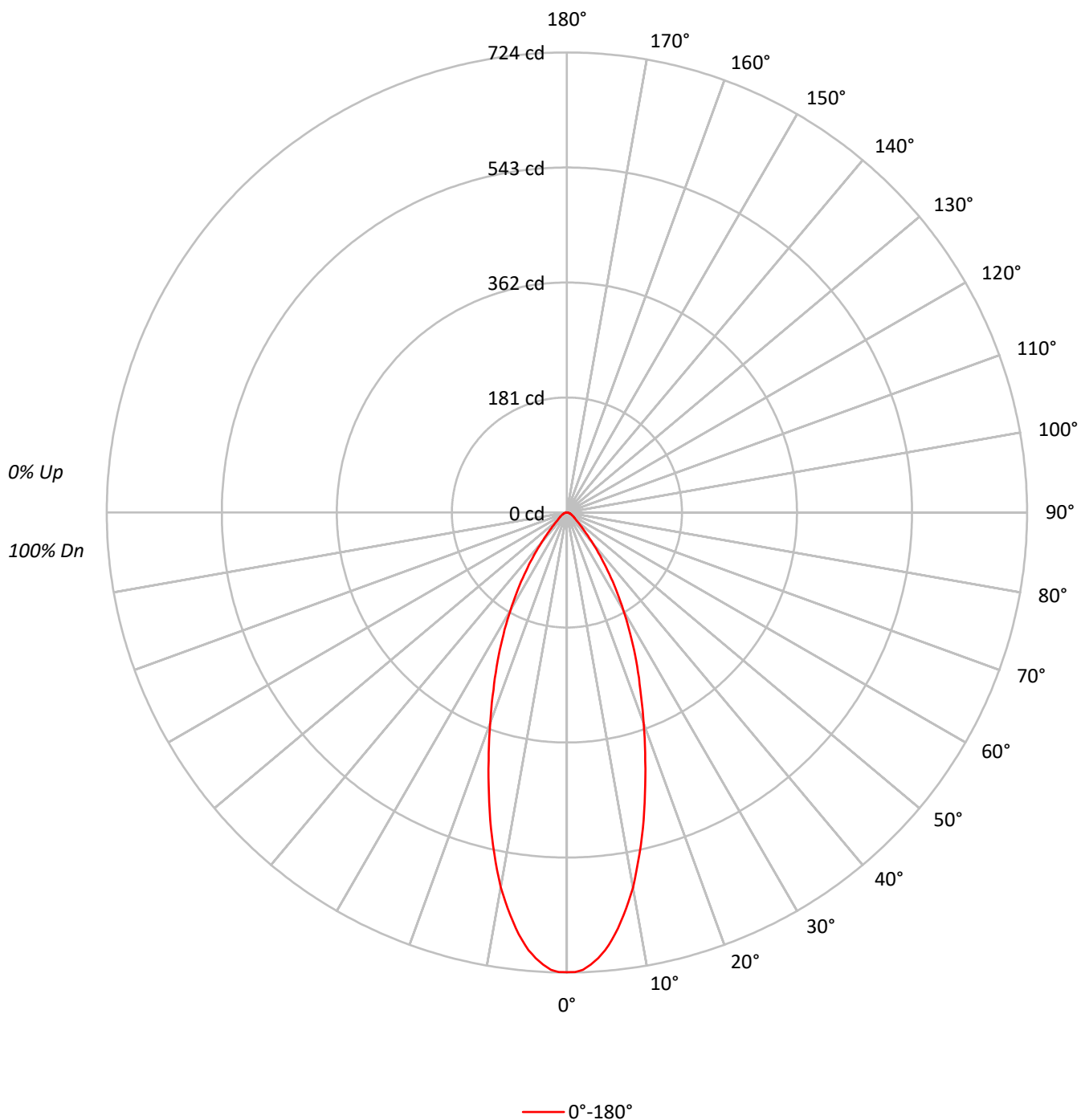
Lumens per Lamp: N/A
Luminaire Lumens: 437.1 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	158650
5°	152212
10°	133331
15°	107174
20°	82350
25°	62302
30°	45020
35°	29901
40°	18148
45°	10575
50°	6755
55°	5467
60°	4780
65°	4255
70°	3526
75°	3474
80°	2526
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.9	14.4
10°-20°	130.6	29.9
20°-30°	118.1	27.0
30°-40°	70.9	16.2
40°-50°	28.2	6.4
50°-60°	13.0	3.0
60°-70°	7.9	1.8
70°-80°	4.2	1.0
80°-90°	1.2	0.3
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°	311.6	71.3
0°-40°	382.5	87.5
0°-60°	423.7	96.9
0°-90°	437.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	724	
5°	692	63
15°	472	131
25°	258	118
35°	112	71
45°	34	28
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	723.5
1°	723.5
2°	720.1
3°	712.6
4°	703.1
5°	691.5
6°	676.5
7°	659.5
8°	639.7
9°	620.0
10°	598.8
11°	574.3
12°	549.1
13°	523.9
14°	498.7
15°	472.1
17.5°	409.5
20°	352.9
22.5°	301.8
25°	257.5
27.5°	216.0
30°	177.8
32.5°	143.1
35°	111.7
37.5°	85.2
40°	63.4
42.5°	46.3
45°	34.1
47.5°	25.9
50°	19.8
52.5°	16.4
55°	14.3
57.5°	12.3
60°	10.9
62.5°	8.9
65°	8.2
67.5°	6.8
70°	5.5
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.0
82.5°	1.4
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)