

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: P1259739

Luminaire Tested: P3AS09R609050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259739
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

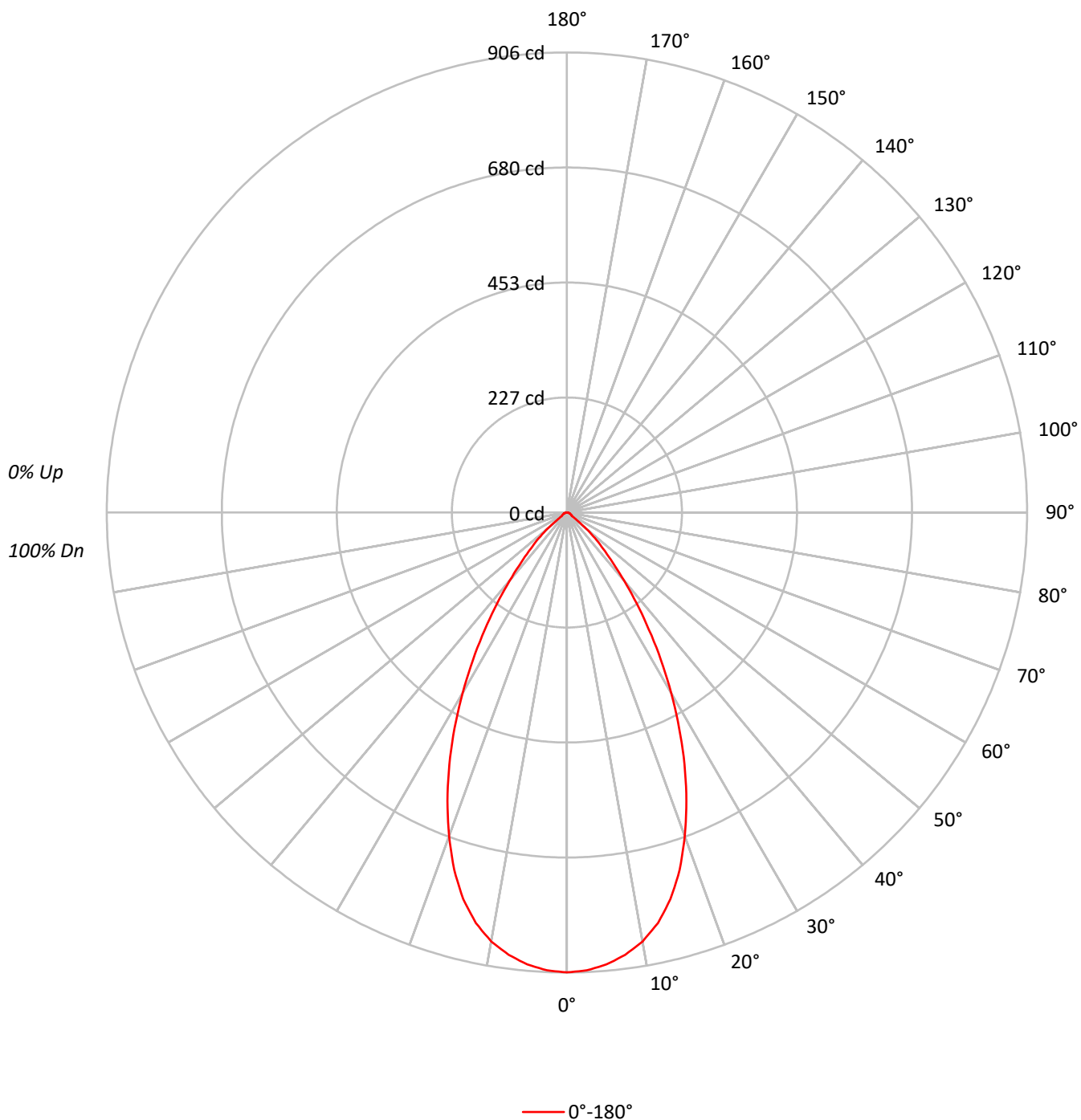
Lumens per Lamp: N/A
Luminaire Lumens: 841.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198581
5°	196698
10°	190978
15°	178911
20°	158354
25°	132467
30°	103839
35°	75329
40°	50122
45°	31228
50°	16921
55°	4893
60°	4561
65°	4151
70°	4103
75°	4067
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31228 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	10.0
10°-20°	218.7	26.0
20°-30°	249.2	29.6
30°-40°	176.8	21.0
40°-50°	80.2	9.5
50°-60°	17.0	2.0
60°-70°	8.2	1.0
70°-80°	5.1	0.6
80°-90°	1.7	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°	552.0	65.6
0°-40°	728.8	86.7
0°-60°	826.0	98.2
0°-90°	841.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	841.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	906	
5°	894	84
15°	788	219
25°	548	249
35°	281	177
45°	101	80
55°	13	17
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	905.6
2.5°	902.4
5°	893.6
7.5°	878.5
10°	857.7
12.5°	828.1
15°	788.1
17.5°	737.8
20°	678.6
22.5°	614.7
25°	547.5
27.5°	478.8
30°	410.1
32.5°	344.5
35°	281.4
37.5°	225.4
40°	175.1
42.5°	132.7
45°	100.7
47.5°	75.1
50°	49.6
52.5°	23.2
55°	12.8
57.5°	11.2
60°	10.4
62.5°	9.6
65°	8.0
67.5°	7.2
70°	6.4
72.5°	5.6
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)