

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: P1246649

Luminaire Tested: P3A09R609024DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609024DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

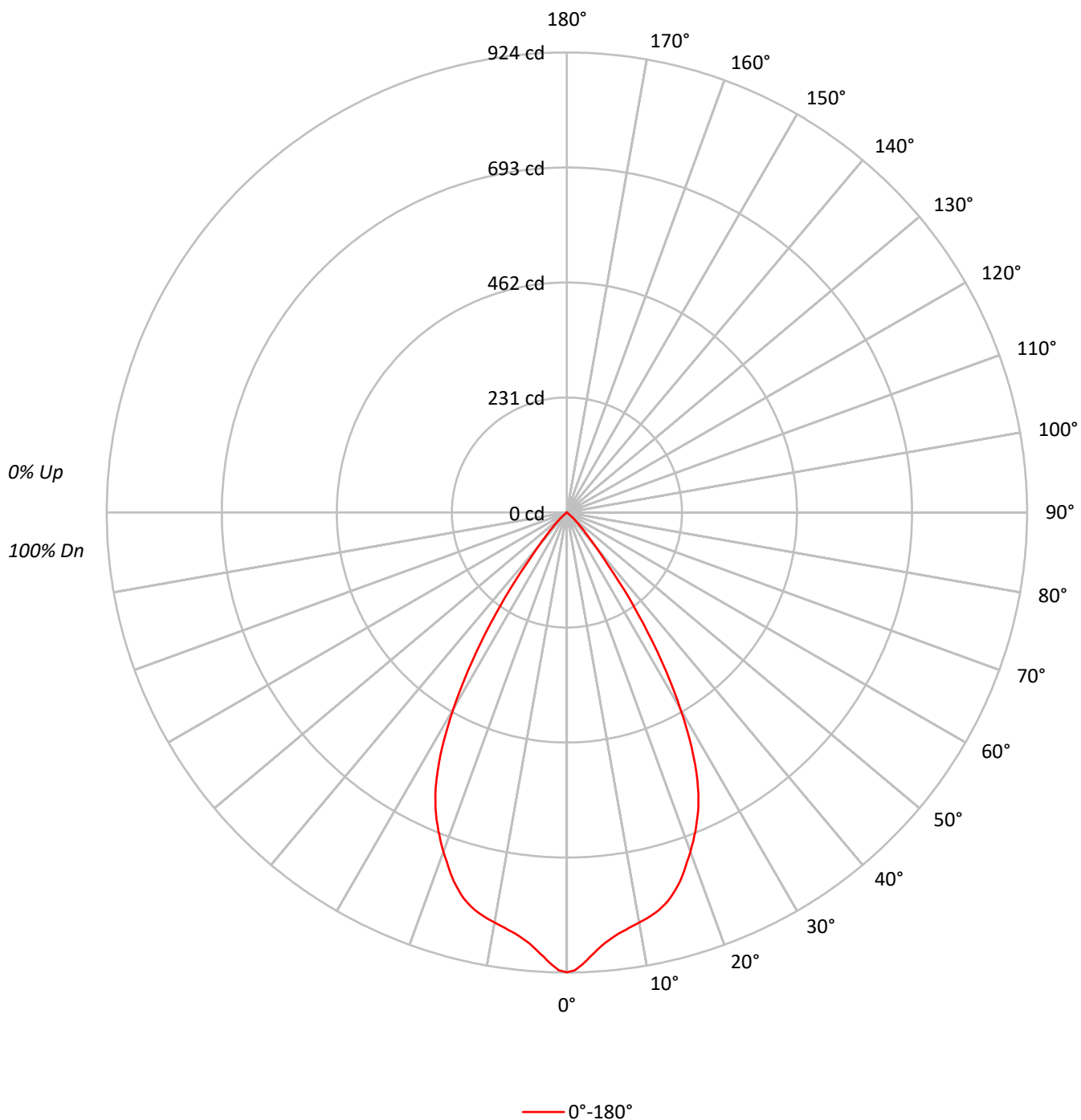
Lumens per Lamp: N/A
Luminaire Lumens: 773.0 lumens
Efficiency: N/A
Efficacy: 69.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202528
5°	191195
10°	186236
15°	181976
20°	169205
25°	151243
30°	115537
35°	66709
40°	25877
45°	10792
50°	2388
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.0	10.6
10°-20°	223.3	28.9
20°-30°	279.7	36.2
30°-40°	156.3	20.2
40°-50°	29.7	3.8
50°-60°	1.5	0.2
60°-70°	0.3	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	584.9	75.7
0°-40°	741.3	95.9
0°-60°	772.5	99.9
0°-90°	773.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	773.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	924	
5°	869	82
15°	802	223
25°	625	280
35°	249	156
45°	35	30
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	923.6
1°	919.8
2°	907.8
3°	893.6
4°	880.3
5°	868.6
6°	859.8
7°	852.2
8°	846.5
9°	841.1
10°	836.4
11°	831.6
12°	826.2
13°	819.6
14°	811.7
15°	801.6
16°	789.3
17°	775.3
18°	759.5
19°	741.5
20°	725.1
21°	707.4
22°	689.0
23°	669.7
24°	648.5
25°	625.1
26°	597.6
27°	567.0
28°	532.5
29°	495.8
30°	456.3
31°	416.4
32°	375.3
32.5°	352.9
33°	332.7
34°	290.6
35°	249.2
36°	211.9
37°	172.3
37.5°	154.3
38°	136.6
39°	110.0
40°	90.4
42.5°	55.0
45°	34.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	19.3
50°	7.0
52.5°	1.6
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)