

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: P1247064

Luminaire Tested: P3A13R609024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247064
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: P3A13R609024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

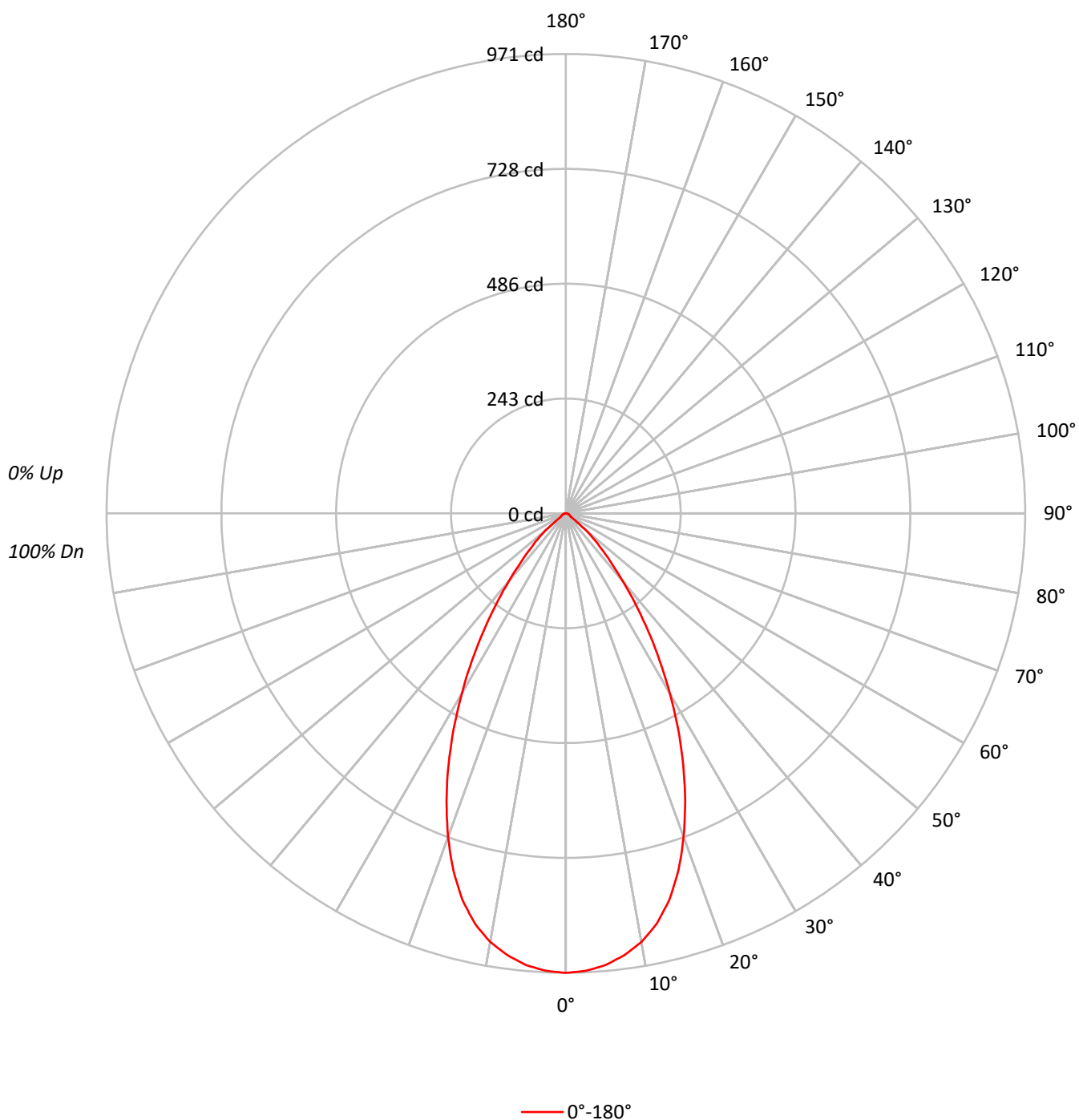
Lumens per Lamp: N/A
Luminaire Lumens: 902.0 lumens
Efficiency: N/A
Efficacy: 61.8 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

TEST NUMBER: P1247064

CATALOG NUMBER: P3A13R609024DE010 E3DL1MW

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°	212987
5°	210983
10°	204828
15°	191897
20°	169835
25°	142073
30°	111359
35°	80790
40°	53729
45°	33492
50°	18149
55°	5238
60°	4868
65°	4462
70°	4424
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33492 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	10.0
10°-20°	234.5	26.0
20°-30°	267.3	29.6
30°-40°	189.6	21.0
40°-50°	86.0	9.5
50°-60°	18.3	2.0
60°-70°	8.8	1.0
70°-80°	5.4	0.6
80°-90°	1.9	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°	592.1	65.6
0°-40°	781.7	86.7
0°-60°	885.9	98.2
0°-90°	902.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	902.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	971	
5°	958	90
15°	845	235
25°	587	267
35°	302	190
45°	108	86
55°	14	18
65°	9	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	971.3
2.5°	967.9
5°	958.5
7.5°	942.2
10°	919.9
12.5°	888.2
15°	845.3
17.5°	791.3
20°	727.8
22.5°	659.3
25°	587.2
27.5°	513.5
30°	439.8
32.5°	369.5
35°	301.8
37.5°	241.8
40°	187.7
42.5°	142.3
45°	108.0
47.5°	80.6
50°	53.2
52.5°	24.9
55°	13.7
57.5°	12.0
60°	11.1
62.5°	10.3
65°	8.6
67.5°	7.7
70°	6.9
72.5°	6.0
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)