

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: P1247442

Luminaire Tested: P3A17R609024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247442
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: P3A17R609024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

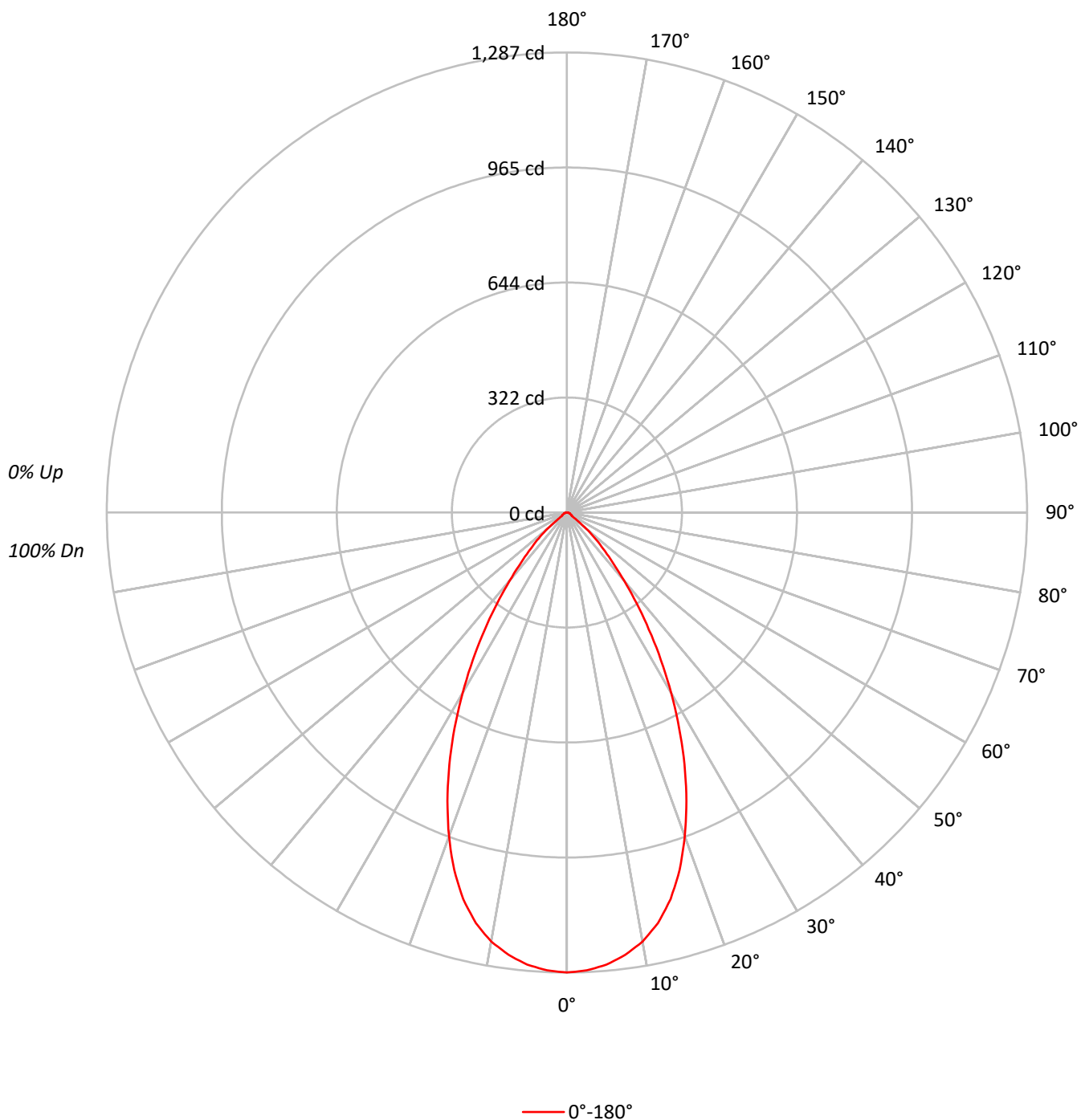
Lumens per Lamp: N/A
Luminaire Lumens: 1195.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1247442

CATALOG NUMBER: P3A17R609024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247442

CATALOG NUMBER: P3A17R609024DE010 E3DL1MW

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		68
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°	282170
5°	279506
10°	271360
15°	254235
20°	225023
25°	188237
30°	147542
35°	107023
40°	71191
45°	44377
50°	24016
55°	6958
60°	6491
65°	5915
70°	5834
75°	5761
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44377 cd/sqm

TEST NUMBER: P1247442

CATALOG NUMBER: P3A17R609024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.6	10.0
10°-20°	310.7	26.0
20°-30°	354.1	29.6
30°-40°	251.1	21.0
40°-50°	113.9	9.5
50°-60°	24.2	2.0
60°-70°	11.7	1.0
70°-80°	7.2	0.6
80°-90°	2.5	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°	784.4	65.6
0°-40°	1035.6	86.7
0°-60°	1173.7	98.2
0°-90°	1195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1195.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1287	
5°	1270	120
15°	1120	311
25°	778	354
35°	400	251
45°	143	114
55°	18	24
65°	11	12
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1247442

CATALOG NUMBER: P3A17R609024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1286.8
2.5°	1282.3
5°	1269.8
7.5°	1248.2
10°	1218.7
12.5°	1176.7
15°	1119.9
17.5°	1048.3
20°	964.3
22.5°	873.4
25°	778.0
27.5°	680.3
30°	582.7
32.5°	489.5
35°	399.8
37.5°	320.3
40°	248.7
42.5°	188.5
45°	143.1
47.5°	106.8
50°	70.4
52.5°	32.9
55°	18.2
57.5°	15.9
60°	14.8
62.5°	13.6
65°	11.4
67.5°	10.2
70°	9.1
72.5°	8.0
75°	6.8
77.5°	5.7
80°	4.5
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)