

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: P1247439

Luminaire Tested: P3A17R609024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247439
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 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

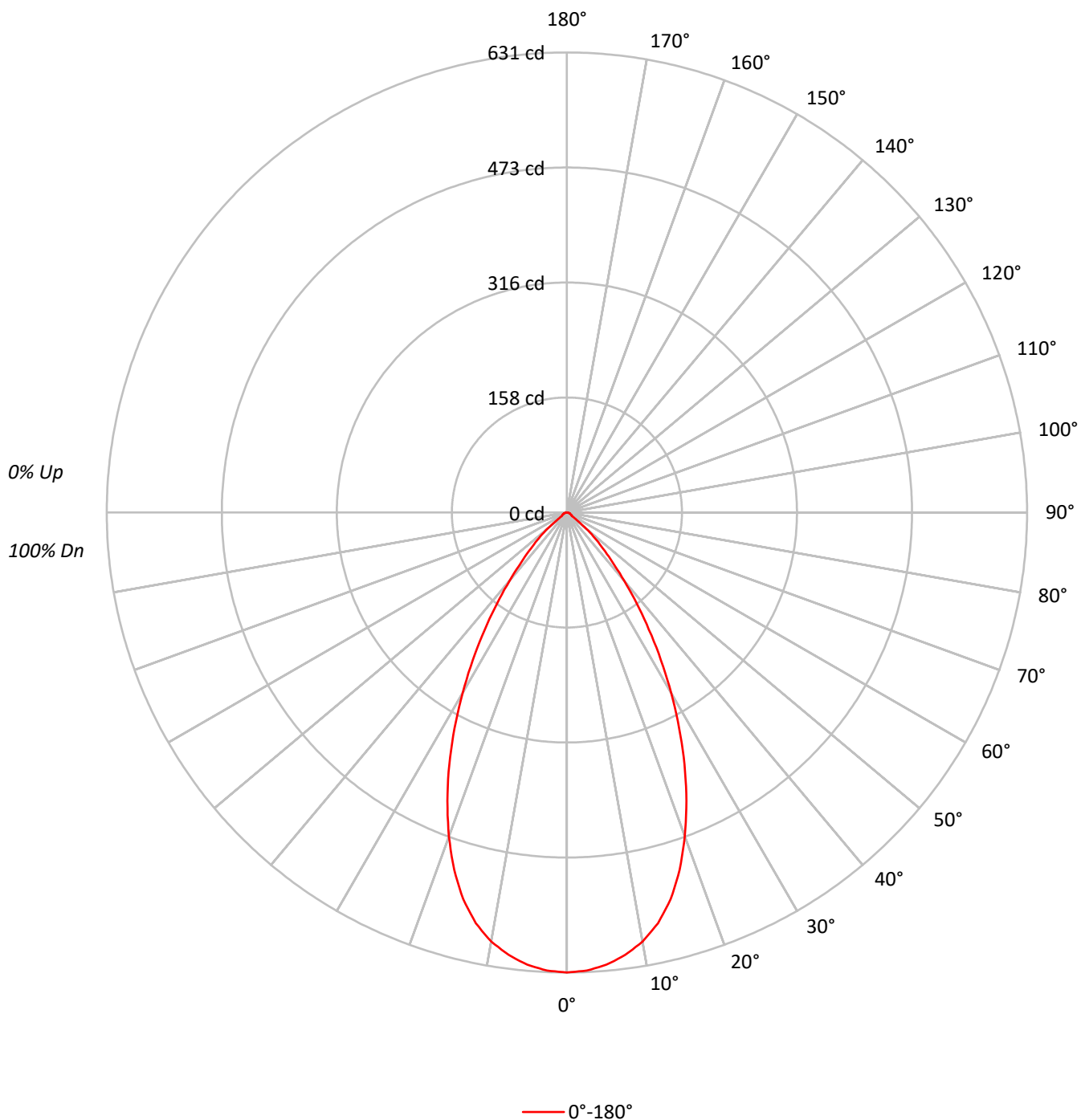
Lumens per Lamp: N/A
Luminaire Lumens: 586.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247439

CATALOG NUMBER: P3A17R609024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247439

CATALOG NUMBER: P3A17R609024DE010 E3DL1GPH

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°	138366
5°	137068
10°	133064
15°	124677
20°	110353
25°	92304
30°	72340
35°	52468
40°	34923
45°	21770
50°	11769
55°	3403
60°	3158
65°	2906
70°	2885
75°	2796
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21770 cd/sqm

TEST NUMBER: P1247439

CATALOG NUMBER: P3A17R609024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	10.0
10°-20°	152.4	26.0
20°-30°	173.7	29.6
30°-40°	123.1	21.0
40°-50°	55.9	9.5
50°-60°	11.9	2.0
60°-70°	5.7	1.0
70°-80°	3.5	0.6
80°-90°	1.2	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°	384.7	65.6
0°-40°	507.8	86.7
0°-60°	575.6	98.2
0°-90°	586.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	586.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	631	
5°	623	59
15°	549	152
25°	382	174
35°	196	123
45°	70	56
55°	9	12
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1247439

CATALOG NUMBER: P3A17R609024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	631.0
2.5°	628.8
5°	622.7
7.5°	612.1
10°	597.6
12.5°	577.0
15°	549.2
17.5°	514.1
20°	472.9
22.5°	428.3
25°	381.5
27.5°	333.6
30°	285.7
32.5°	240.0
35°	196.0
37.5°	157.1
40°	122.0
42.5°	92.5
45°	70.2
47.5°	52.4
50°	34.5
52.5°	16.2
55°	8.9
57.5°	7.8
60°	7.2
62.5°	6.7
65°	5.6
67.5°	5.0
70°	4.5
72.5°	3.9
75°	3.3
77.5°	2.8
80°	2.2
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)