

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: P1245870

Luminaire Tested: P3A02R609024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245870
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

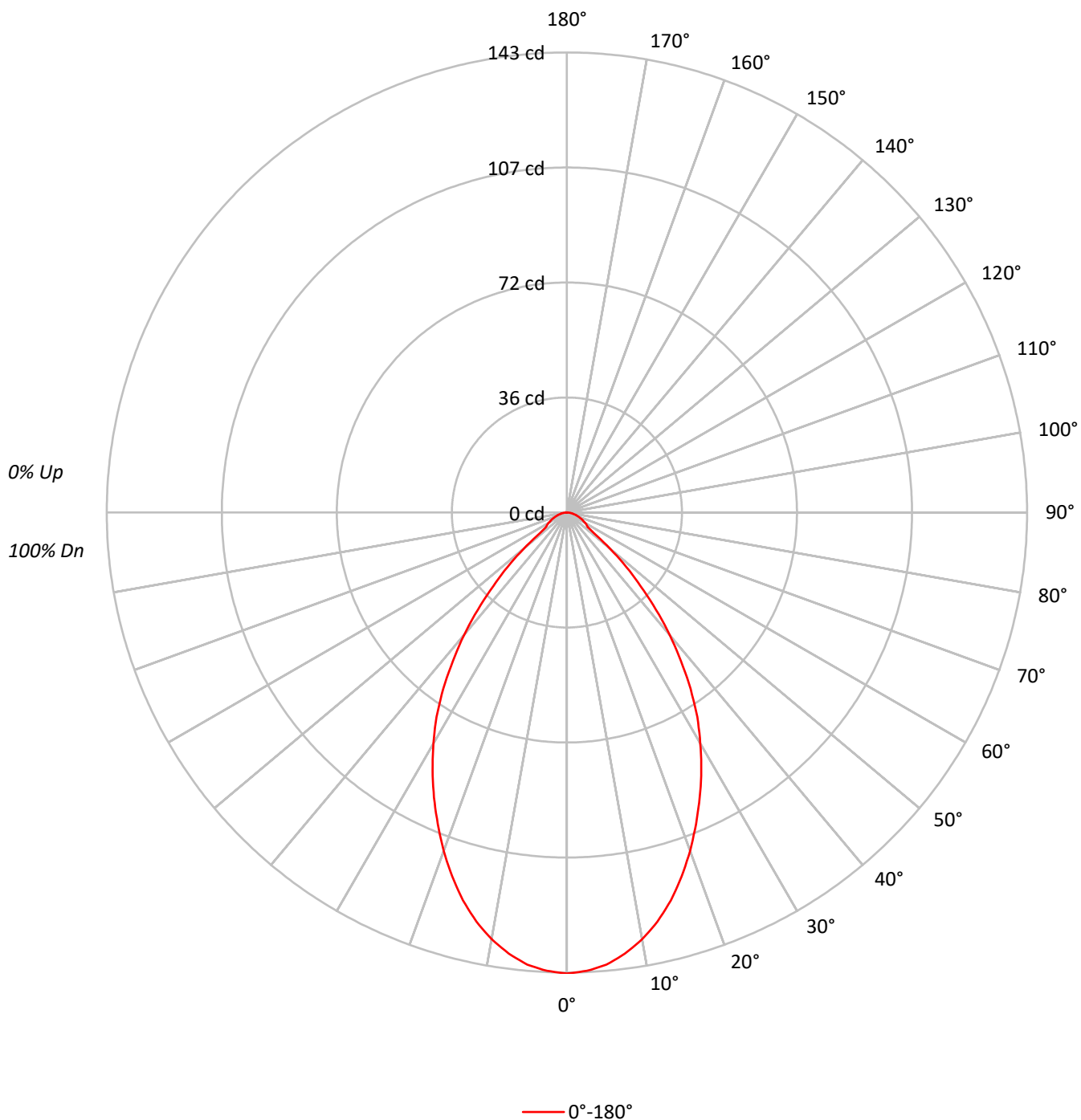
Lumens per Lamp: N/A
Luminaire Lumens: 176.9 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1245870

CATALOG NUMBER: P3A02R609024DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1245870

CATALOG NUMBER: P3A02R609024DE010 E3DLD1MW

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	71		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31423
5°	31059
10°	29993
15°	28332
20°	26112
25°	23638
30°	20991
35°	17935
40°	14255
45°	10048
50°	6004
55°	3020
60°	2938
65°	2698
70°	2500
75°	2372
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10048 cd/sqm

TEST NUMBER: P1245870

CATALOG NUMBER: P3A02R609024DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.3	7.5
10°-20°	34.9	19.7
20°-30°	44.8	25.3
30°-40°	41.5	23.5
40°-50°	25.3	14.3
50°-60°	8.4	4.8
60°-70°	5.1	2.9
70°-80°	2.9	1.6
80°-90°	0.8	0.5
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°	92.9	52.5
0°-40°	134.4	76.0
0°-60°	168.1	95.0
0°-90°	176.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	143	
5°	141	13
15°	125	35
25°	98	45
35°	67	42
45°	32	25
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1245870

CATALOG NUMBER: P3A02R609024DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	143.3
2.5°	142.6
5°	141.1
7.5°	138.3
10°	134.7
12.5°	130.2
15°	124.8
17.5°	118.6
20°	111.9
22.5°	104.8
25°	97.7
27.5°	90.4
30°	82.9
32.5°	75.4
35°	67.0
37.5°	58.2
40°	49.8
42.5°	41.0
45°	32.4
47.5°	25.1
50°	17.6
52.5°	10.5
55°	7.9
57.5°	7.3
60°	6.7
62.5°	5.8
65°	5.2
67.5°	4.5
70°	3.9
72.5°	3.2
75°	2.8
77.5°	2.1
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)