

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: P1246742

Luminaire Tested: P3A10R129024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A10R129024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

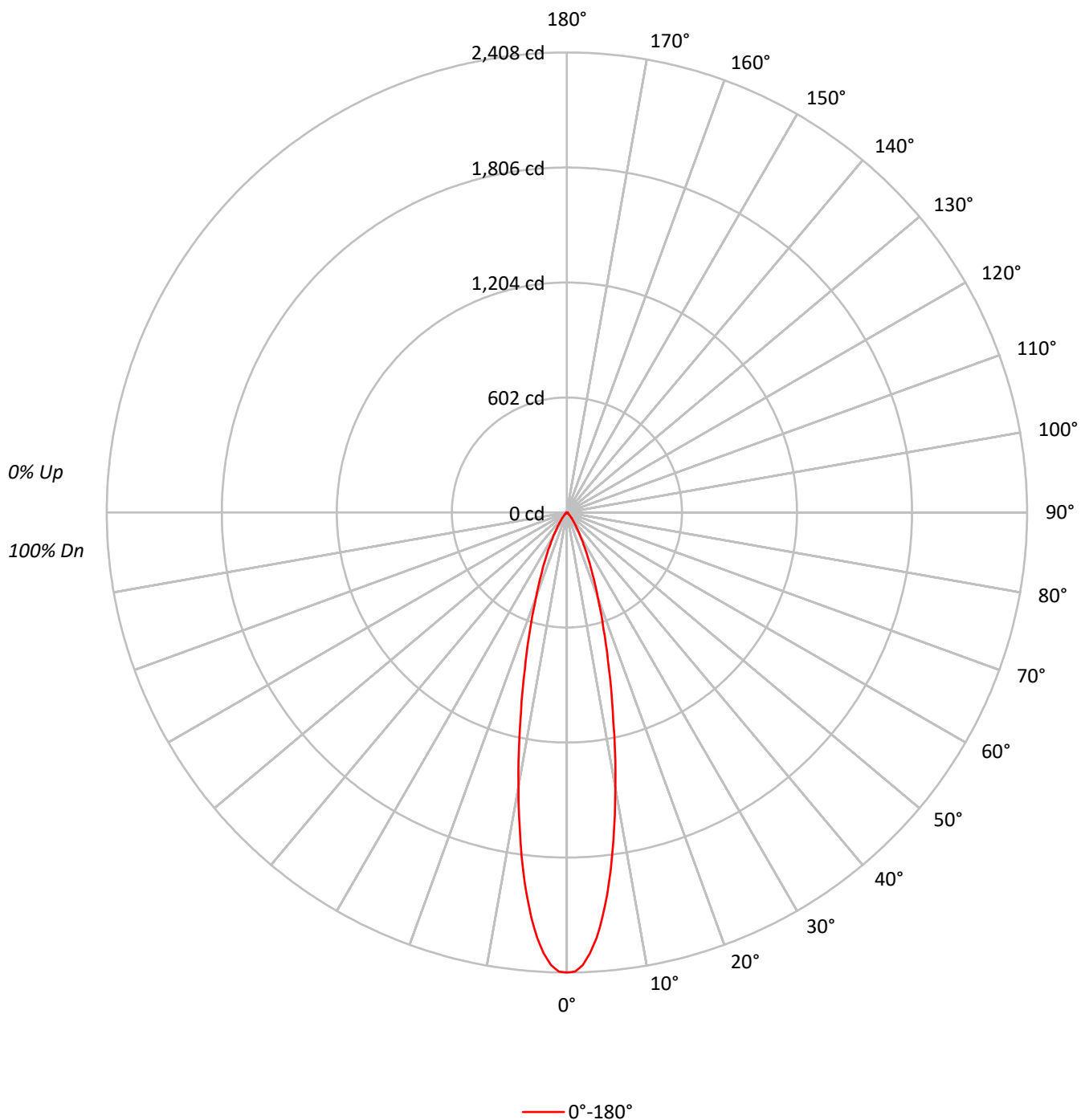
Lumens per Lamp: N/A
Luminaire Lumens: 618.1 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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: P1246742

CATALOG NUMBER: P3A10R129024DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246742

CATALOG NUMBER: P3A10R129024DE010 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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	527940
5°	468632
10°	325445
15°	192464
20°	109606
25°	62665
30°	34664
35°	18498
40°	10219
45°	5551
50°	3446
55°	2714
60°	2368
65°	2179
70°	1923
75°	2033
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5551 cd/sqm

TEST NUMBER: P1246742

CATALOG NUMBER: P3A10R129024DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.0	29.3
10°-20°	238.9	38.7
20°-30°	123.0	19.9
30°-40°	46.2	7.5
40°-50°	15.1	2.4
50°-60°	6.5	1.1
60°-70°	4.2	0.7
70°-80°	2.5	0.4
80°-90°	0.7	0.1
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°	543.0	87.9
0°-40°	589.2	95.3
0°-60°	610.8	98.8
0°-90°	618.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	618.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2408	
5°	2129	181
15°	848	239
25°	259	123
35°	69	46
45°	18	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1246742

CATALOG NUMBER: P3A10R129024DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2407.6
1°	2402.8
2°	2371.3
3°	2311.1
4°	2231.9
5°	2129.0
6°	2012.3
7°	1884.3
8°	1742.0
9°	1601.5
10°	1461.6
12.5°	1124.6
15°	847.8
17.5°	634.6
20°	469.7
22.5°	350.7
25°	259.0
27.5°	188.7
30°	136.9
32.5°	97.0
35°	69.1
37.5°	49.4
40°	35.7
42.5°	25.6
45°	17.9
47.5°	13.1
50°	10.1
52.5°	8.3
55°	7.1
57.5°	6.0
60°	5.4
62.5°	4.8
65°	4.2
67.5°	3.6
70°	3.0
72.5°	3.0
75°	2.4
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)