

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: P1270367

Luminaire Tested: P3A17R659740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270367
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

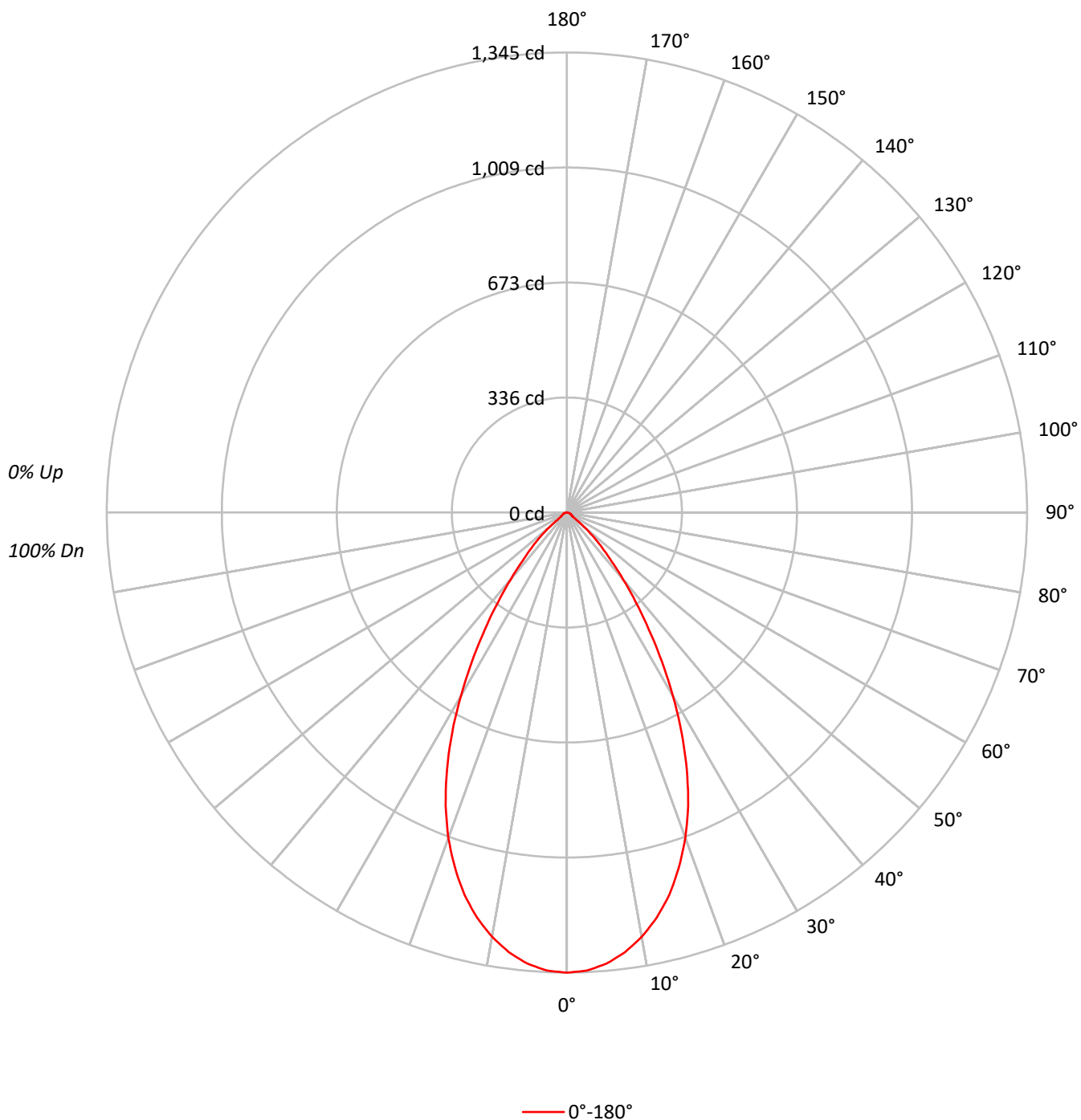
Lumens per Lamp: N/A
Luminaire Lumens: 1250.9 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270367

CATALOG NUMBER: P3A17R659740DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1270367

CATALOG NUMBER: P3A17R659740DE010 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	107	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	90	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		77	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	64	61		69	64	60		67
8	77	67	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	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	295020
5°	291481
10°	280422
15°	262680
20°	236271
25°	200624
30°	156910
35°	111815
40°	73166
45°	45245
50°	22959
55°	8105
60°	7105
65°	7108
70°	6411
75°	6354
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45245 cd/sqm

TEST NUMBER: P1270367

CATALOG NUMBER: P3A17R659740DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.3	9.9
10°-20°	322.0	25.7
20°-30°	376.3	30.1
30°-40°	263.0	21.0
40°-50°	115.8	9.3
50°-60°	25.8	2.1
60°-70°	13.1	1.0
70°-80°	7.9	0.6
80°-90°	2.7	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°	822.7	65.8
0°-40°	1085.7	86.8
0°-60°	1227.3	98.1
0°-90°	1250.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1250.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1345	
5°	1324	124
15°	1157	322
25°	829	376
35°	418	263
45°	146	116
55°	21	26
65°	14	13
75°	8	8
85°	2	3
90°	0	

TEST NUMBER: P1270367

CATALOG NUMBER: P3A17R659740DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1345.4
2.5°	1340.4
5°	1324.2
7.5°	1296.8
10°	1259.4
12.5°	1213.2
15°	1157.1
17.5°	1088.5
20°	1012.5
22.5°	926.4
25°	829.2
27.5°	726.9
30°	619.7
32.5°	516.2
35°	417.7
37.5°	331.7
40°	255.6
42.5°	193.3
45°	145.9
47.5°	107.2
50°	67.3
52.5°	34.9
55°	21.2
57.5°	18.7
60°	16.2
62.5°	15.0
65°	13.7
67.5°	11.2
70°	10.0
72.5°	8.7
75°	7.5
77.5°	6.2
80°	5.0
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)