

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: P1270194

Luminaire Tested: P3A17R359740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270194
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

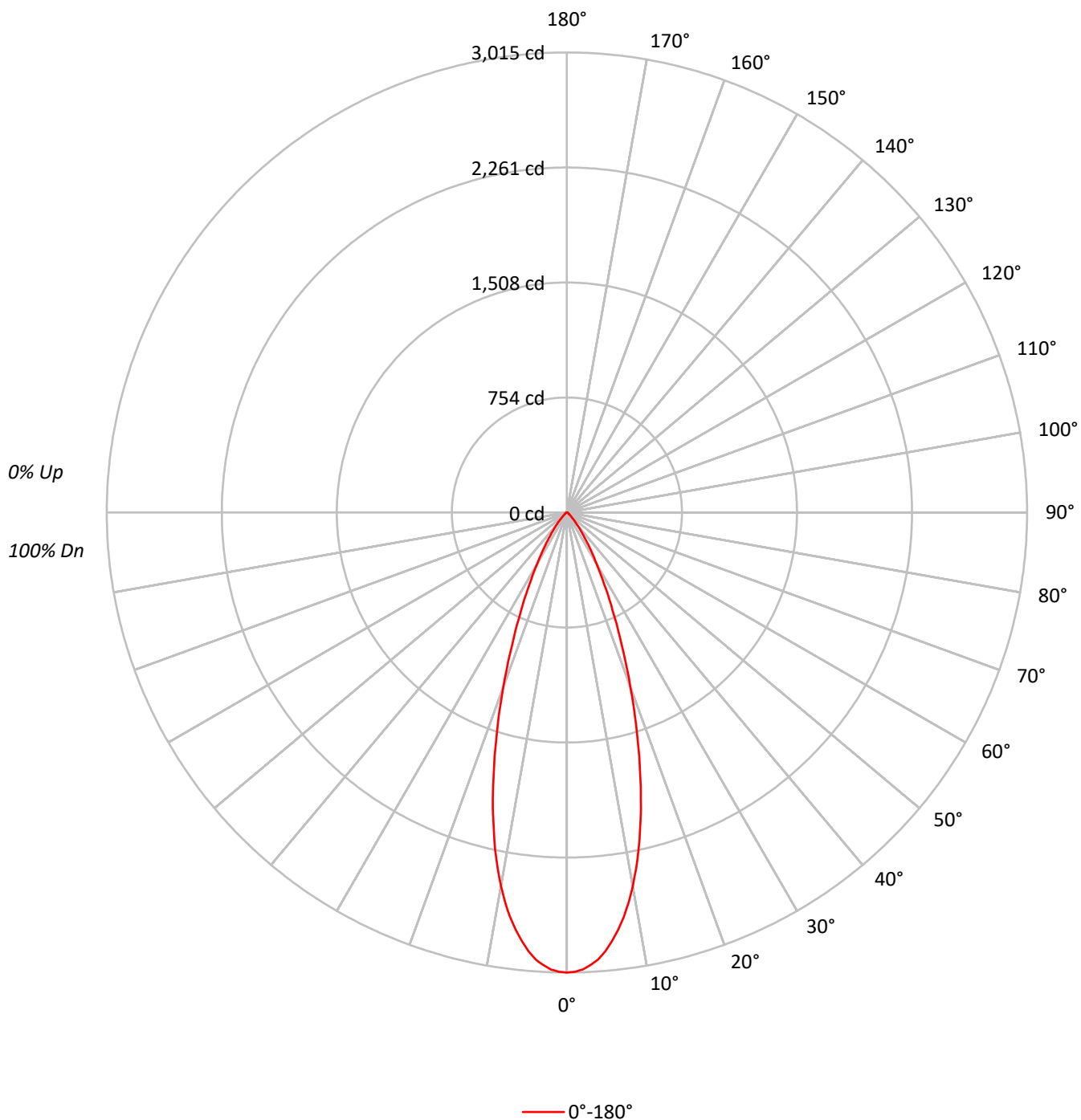
Lumens per Lamp: N/A
Luminaire Lumens: 1311.0 lumens
Efficiency: N/A
Efficacy: 61.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270194

CATALOG NUMBER: P3A17R359740DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1270194

CATALOG NUMBER: P3A17R359740DE010 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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	661219
5°	635460
10°	553675
15°	424089
20°	283735
25°	171687
30°	98521
35°	55091
40°	29283
45°	15071
50°	7232
55°	5735
60°	5482
65°	4514
70°	4809
75°	4236
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

TEST NUMBER: P1270194

CATALOG NUMBER: P3A17R359740DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.7	20.0
10°-20°	509.0	38.8
20°-30°	333.2	25.4
30°-40°	135.2	10.3
40°-50°	40.6	3.1
50°-60°	13.8	1.1
60°-70°	9.2	0.7
70°-80°	5.4	0.4
80°-90°	1.8	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°	1104.9	84.3
0°-40°	1240.1	94.6
0°-60°	1294.5	98.7
0°-90°	1311.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1311.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3015	
5°	2887	263
15°	1868	509
25°	710	333
35°	206	135
45°	49	41
55°	15	14
65°	9	9
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1270194

CATALOG NUMBER: P3A17R359740DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3015.4
1°	3010.4
2°	2996.7
3°	2969.2
4°	2936.8
5°	2886.9
6°	2824.6
7°	2754.7
8°	2676.2
9°	2586.4
10°	2486.6
11°	2375.6
12°	2259.7
13°	2130.0
14°	2006.5
15°	1868.1
17.5°	1532.6
20°	1215.9
22.5°	935.3
25°	709.6
27.5°	528.7
30°	389.1
32.5°	285.6
35°	205.8
37.5°	145.9
40°	102.3
42.5°	71.1
45°	48.6
47.5°	32.4
50°	21.2
52.5°	16.2
55°	15.0
57.5°	13.7
60°	12.5
62.5°	11.2
65°	8.7
67.5°	7.5
70°	7.5
72.5°	6.2
75°	5.0
77.5°	3.7
80°	3.7
82.5°	2.5
85°	1.2
87.5°	1.2



TEST NUMBER: P1270194

CATALOG NUMBER: P3A17R359740DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)