

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: P1270191

Luminaire Tested: P3A17R359740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270191
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 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

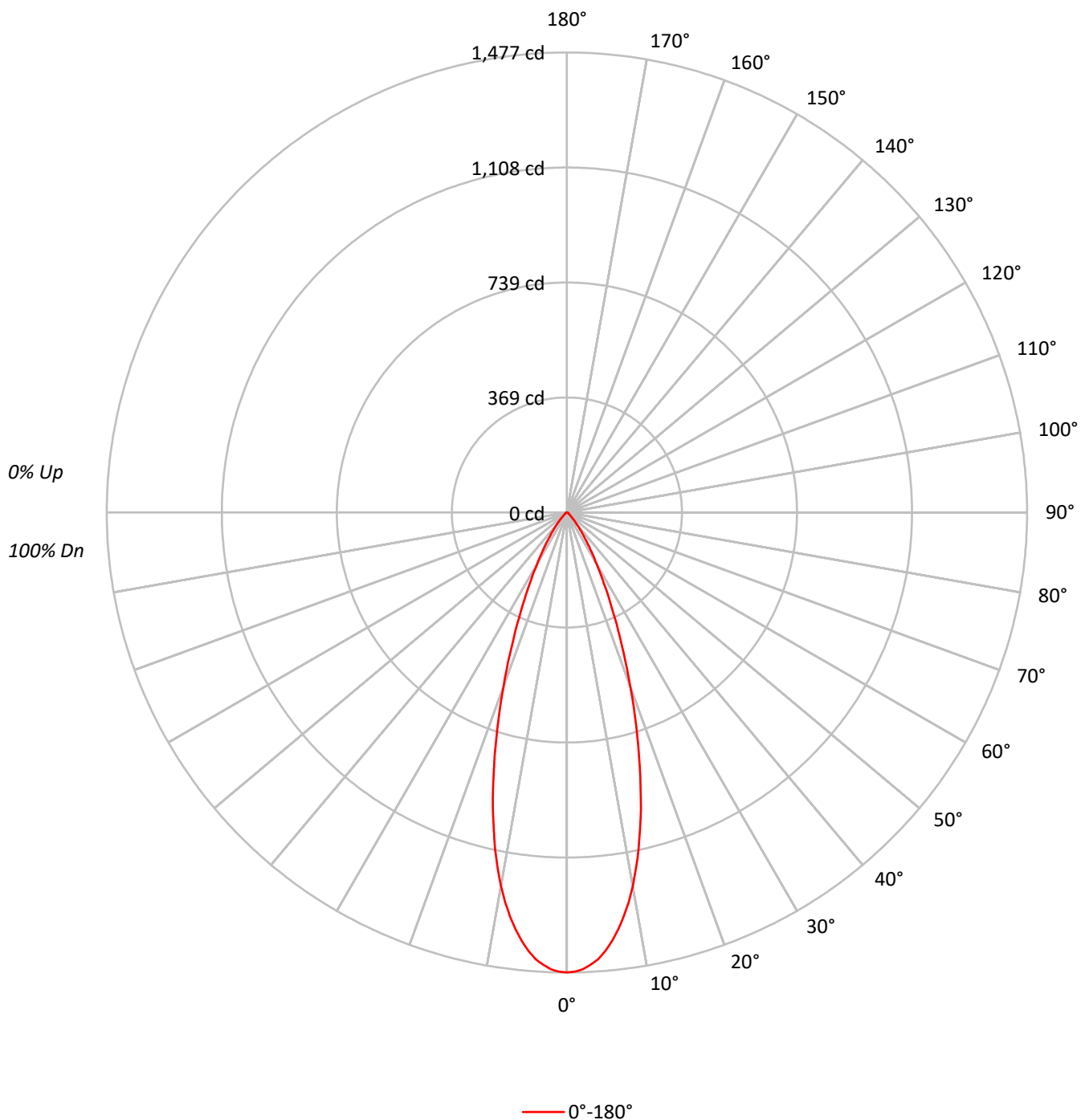
Lumens per Lamp: N/A
Luminaire Lumens: 642.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270191

CATALOG NUMBER: P3A17R359740DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270191

CATALOG NUMBER: P3A17R359740DE010 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	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°	323790
5°	311181
10°	271137
15°	207674
20°	138939
25°	84077
30°	48235
35°	26983
40°	14341
45°	7381
50°	3548
55°	2791
60°	2675
65°	2231
70°	2372
75°	2033
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7381 cd/sqm

TEST NUMBER: P1270191

CATALOG NUMBER: P3A17R359740DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.6	20.0
10°-20°	249.3	38.8
20°-30°	163.2	25.4
30°-40°	66.2	10.3
40°-50°	19.9	3.1
50°-60°	6.7	1.0
60°-70°	4.5	0.7
70°-80°	2.6	0.4
80°-90°	0.9	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°	541.1	84.3
0°-40°	607.3	94.6
0°-60°	633.9	98.7
0°-90°	642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	642.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1477	
5°	1414	129
15°	915	249
25°	348	163
35°	101	66
45°	24	20
55°	7	7
65°	4	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1270191

CATALOG NUMBER: P3A17R359740DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1476.6
1°	1474.2
2°	1467.5
3°	1454.0
4°	1438.2
5°	1413.7
6°	1383.2
7°	1349.0
8°	1310.5
9°	1266.6
10°	1217.7
11°	1163.4
12°	1106.6
13°	1043.0
14°	982.6
15°	914.8
17.5°	750.5
20°	595.4
22.5°	458.0
25°	347.5
27.5°	258.9
30°	190.5
32.5°	139.8
35°	100.8
37.5°	71.4
40°	50.1
42.5°	34.8
45°	23.8
47.5°	15.9
50°	10.4
52.5°	7.9
55°	7.3
57.5°	6.7
60°	6.1
62.5°	5.5
65°	4.3
67.5°	3.7
70°	3.7
72.5°	3.1
75°	2.4
77.5°	1.8
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6



TEST NUMBER: P1270191

CATALOG NUMBER: P3A17R359740DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)