

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: P1267952

Luminaire Tested: P3A17R609735DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267952
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R609735DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

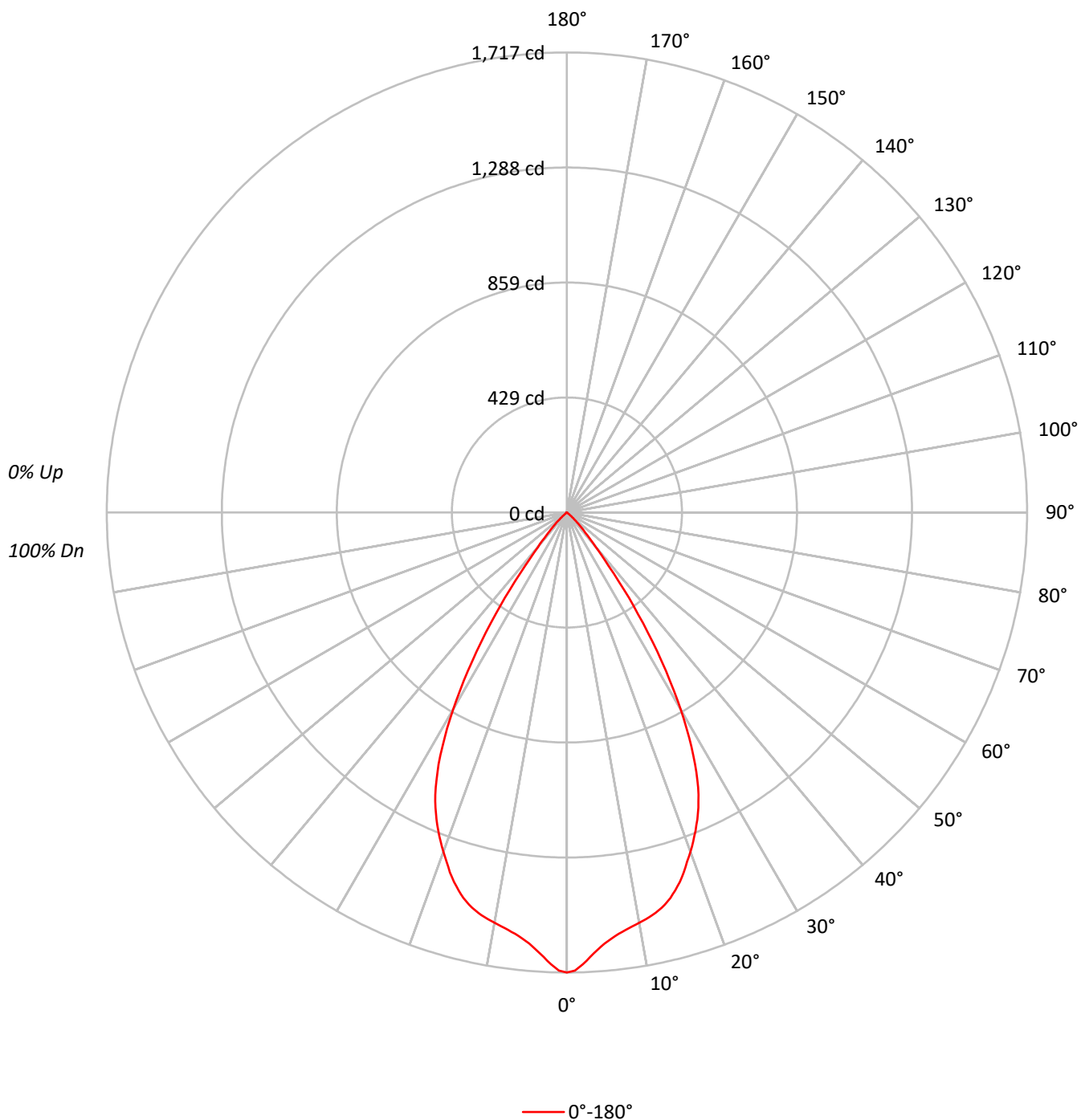
Lumens per Lamp: N/A
Luminaire Lumens: 1437.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267952

CATALOG NUMBER: P3A17R609735DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1267952

CATALOG NUMBER: P3A17R609735DE010 E3D1LI

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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	376505
5°	355447
10°	346197
15°	338277
20°	314537
25°	281169
30°	214767
35°	123995
40°	48119
45°	20064
50°	4401
55°	688
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20064 cd/sqm

TEST NUMBER: P1267952

CATALOG NUMBER: P3A17R609735DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.4	10.6
10°-20°	415.1	28.9
20°-30°	519.9	36.2
30°-40°	290.6	20.2
40°-50°	55.3	3.8
50°-60°	2.8	0.2
60°-70°	0.7	0.0
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	1087.4	75.7
0°-40°	1378.1	95.9
0°-60°	1436.1	99.9
0°-90°	1437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1437.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1717	
5°	1615	152
15°	1490	415
25°	1162	520
35°	463	291
45°	65	55
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1267952

CATALOG NUMBER: P3A17R609735DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1717.0
1°	1710.0
2°	1687.7
3°	1661.2
4°	1636.5
5°	1614.8
6°	1598.3
7°	1584.2
8°	1573.6
9°	1563.6
10°	1554.8
11°	1546.0
12°	1536.0
13°	1523.6
14°	1509.0
15°	1490.1
16°	1467.2
17°	1441.4
18°	1412.0
19°	1378.5
20°	1347.9
21°	1315.0
22°	1280.9
23°	1245.0
24°	1205.6
25°	1162.1
26°	1111.0
27°	1054.0
28°	989.9
29°	921.7
30°	848.2
31°	774.2
32°	697.8
32.5°	656.0
33°	618.4
34°	540.2
35°	463.2
36°	393.8
37°	320.4
37.5°	286.9
38°	253.9
39°	204.6
40°	168.1
42.5°	102.3
45°	64.7

TEST NUMBER: P1267952

CATALOG NUMBER: P3A17R609735DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	35.9
50°	12.9
52.5°	2.9
55°	1.8
57.5°	1.2
60°	1.2
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)