

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: P1271770

Luminaire Tested: P3AS09R609827DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271770
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: P3AS09R609827DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

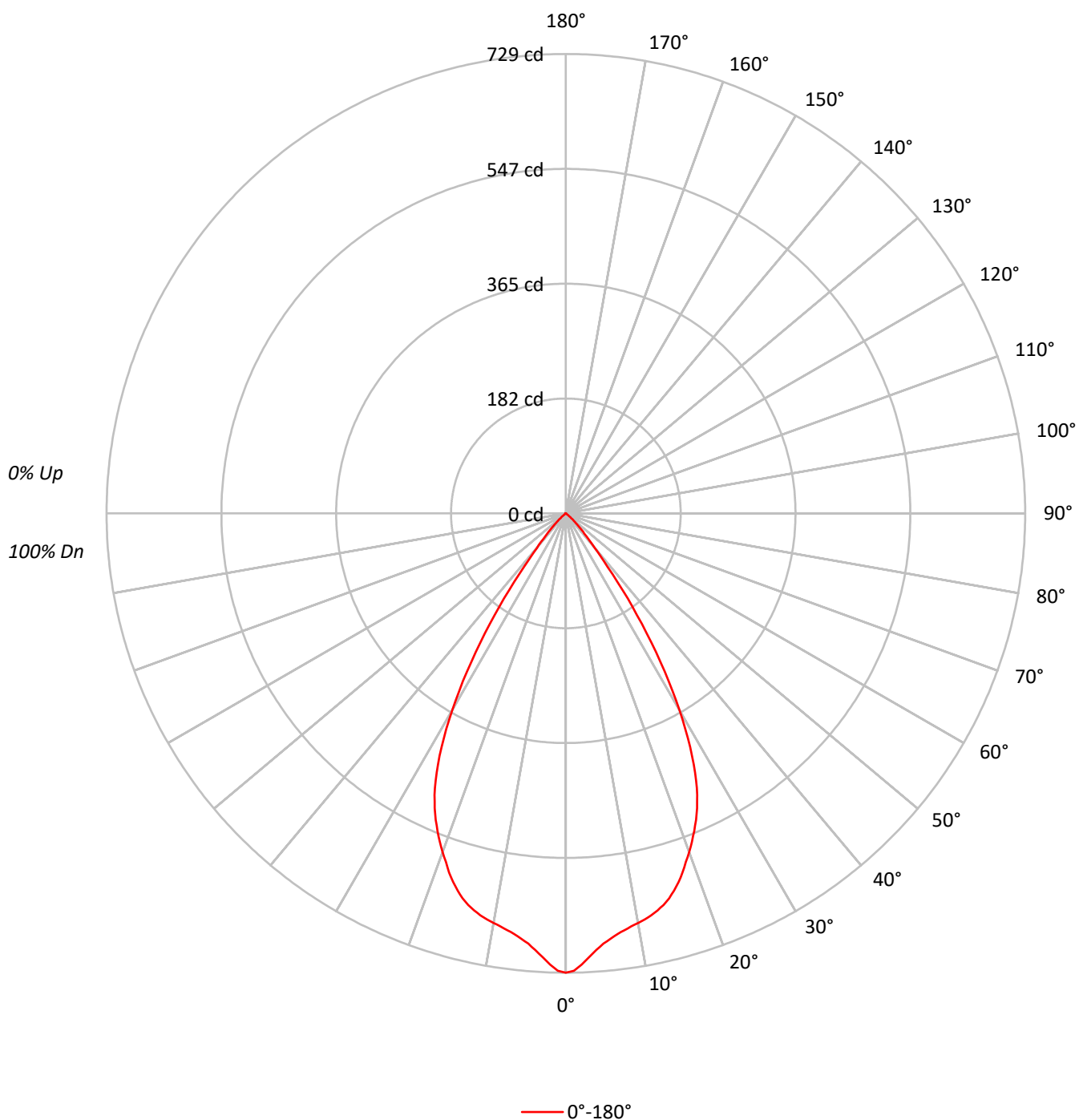
Lumens per Lamp: N/A
Luminaire Lumens: 609.9 lumens
Efficiency: N/A
Efficacy: 55.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271770

CATALOG NUMBER: P3AS09R609827DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1271770

CATALOG NUMBER: P3AS09R609827DE010 E3D1H

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°	159834
5°	150891
10°	146958
15°	143610
20°	133525
25°	119354
30°	91179
35°	52628
40°	20438
45°	8497
50°	1876
55°	268
60°	219
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8497 cd/sqm

TEST NUMBER: P1271770

CATALOG NUMBER: P3AS09R609827DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	10.6
10°-20°	176.2	28.9
20°-30°	220.7	36.2
30°-40°	123.4	20.2
40°-50°	23.4	3.8
50°-60°	1.2	0.2
60°-70°	0.2	0.0
70°-80°	0.1	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°	461.6	75.7
0°-40°	585.0	95.9
0°-60°	609.6	99.9
0°-90°	609.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	729	
5°	686	65
15°	633	176
25°	493	221
35°	197	123
45°	27	23
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1271770

CATALOG NUMBER: P3AS09R609827DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	728.9
1°	725.9
2°	716.4
3°	705.2
4°	694.7
5°	685.5
6°	678.5
7°	672.5
8°	668.0
9°	663.7
10°	660.0
11°	656.3
12°	652.0
13°	646.8
14°	640.5
15°	632.6
16°	622.8
17°	611.8
18°	599.4
19°	585.1
20°	572.2
21°	558.2
22°	543.7
23°	528.5
24°	511.8
25°	493.3
26°	471.6
27°	447.4
28°	420.2
29°	391.3
30°	360.1
31°	328.6
32°	296.2
32.5°	278.5
33°	262.5
34°	229.3
35°	196.6
36°	167.2
37°	136.0
37.5°	121.8
38°	107.8
39°	86.8
40°	71.4
42.5°	43.4
45°	27.4



TEST NUMBER: P1271770

CATALOG NUMBER: P3AS09R609827DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	15.2
50°	5.5
52.5°	1.2
55°	0.7
57.5°	0.5
60°	0.5
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
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)