

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: P1249796

Luminaire Tested: P3AS17R609027DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249796
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: P3AS17R609027DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

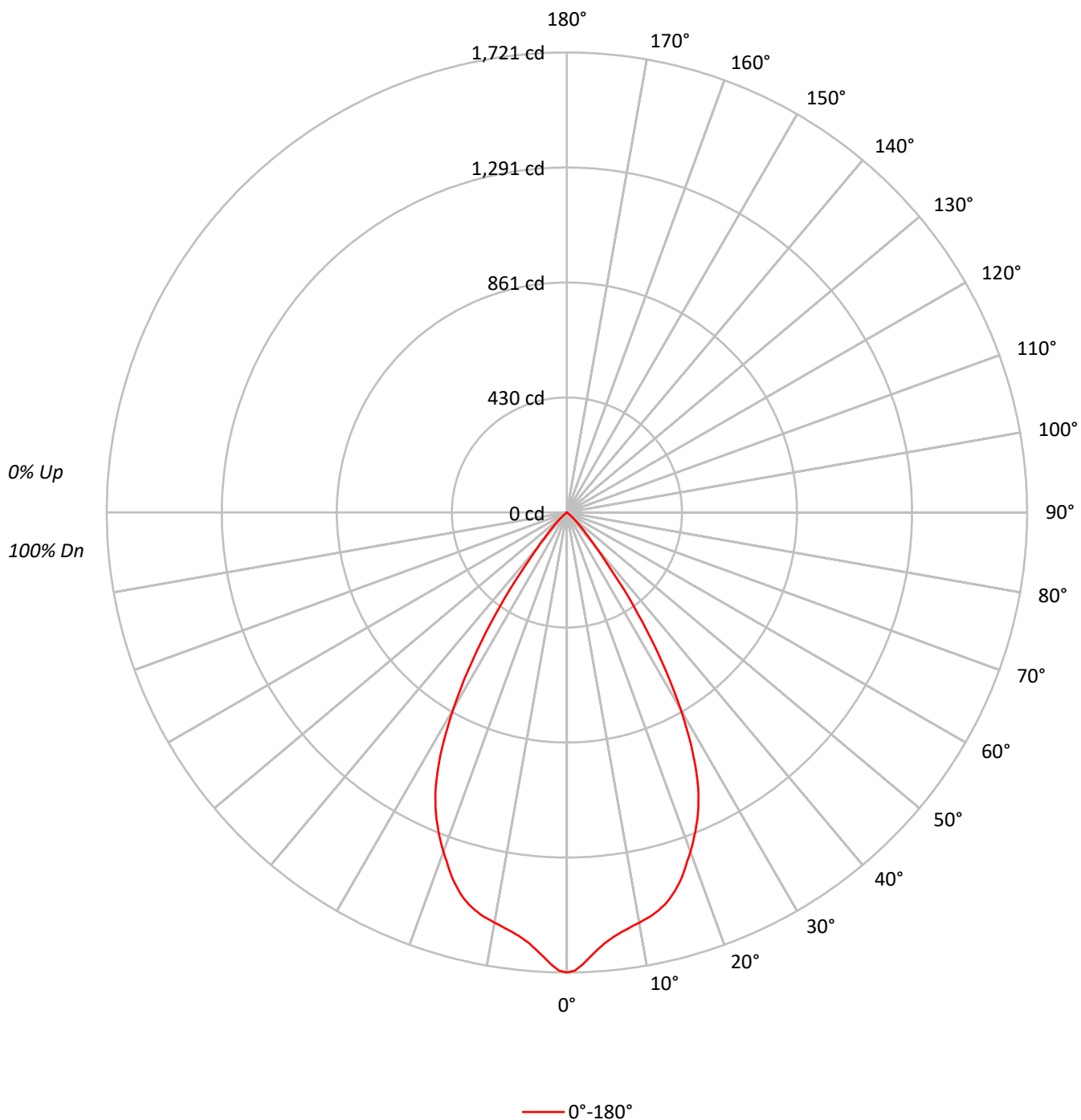
Lumens per Lamp: N/A
Luminaire Lumens: 1440.0 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249796

CATALOG NUMBER: P3AS17R609027DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1249796

CATALOG NUMBER: P3AS17R609027DE010 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°	377294
5°	356173
10°	346910
15°	339003
20°	315191
25°	281774
30°	215223
35°	124263
40°	48233
45°	20095
50°	4435
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: 20095 cd/sqm

TEST NUMBER: P1249796

CATALOG NUMBER: P3AS17R609027DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.8	10.6
10°-20°	416.0	28.9
20°-30°	521.0	36.2
30°-40°	291.2	20.2
40°-50°	55.4	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°	1089.7	75.7
0°-40°	1380.9	95.9
0°-60°	1439.1	99.9
0°-90°	1440.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1440.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1721	
5°	1618	153
15°	1493	416
25°	1165	521
35°	464	291
45°	65	55
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1249796

CATALOG NUMBER: P3AS17R609027DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1720.6
1°	1713.6
2°	1691.2
3°	1664.7
4°	1639.9
5°	1618.1
6°	1601.6
7°	1587.5
8°	1576.9
9°	1566.9
10°	1558.0
11°	1549.2
12°	1539.2
13°	1526.8
14°	1512.1
15°	1493.3
16°	1470.3
17°	1444.4
18°	1414.9
19°	1381.3
20°	1350.7
21°	1317.7
22°	1283.5
23°	1247.6
24°	1208.1
25°	1164.6
26°	1113.3
27°	1056.2
28°	992.0
29°	923.6
30°	850.0
31°	775.8
32°	699.2
32.5°	657.4
33°	619.7
34°	541.3
35°	464.2
36°	394.7
37°	321.0
37.5°	287.5
38°	254.5
39°	205.0
40°	168.5
42.5°	102.5
45°	64.8

TEST NUMBER: P1249796

CATALOG NUMBER: P3AS17R609027DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	35.9
50°	13.0
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)