

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: P1252331

Luminaire Tested: P3AS17R309030DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309030DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

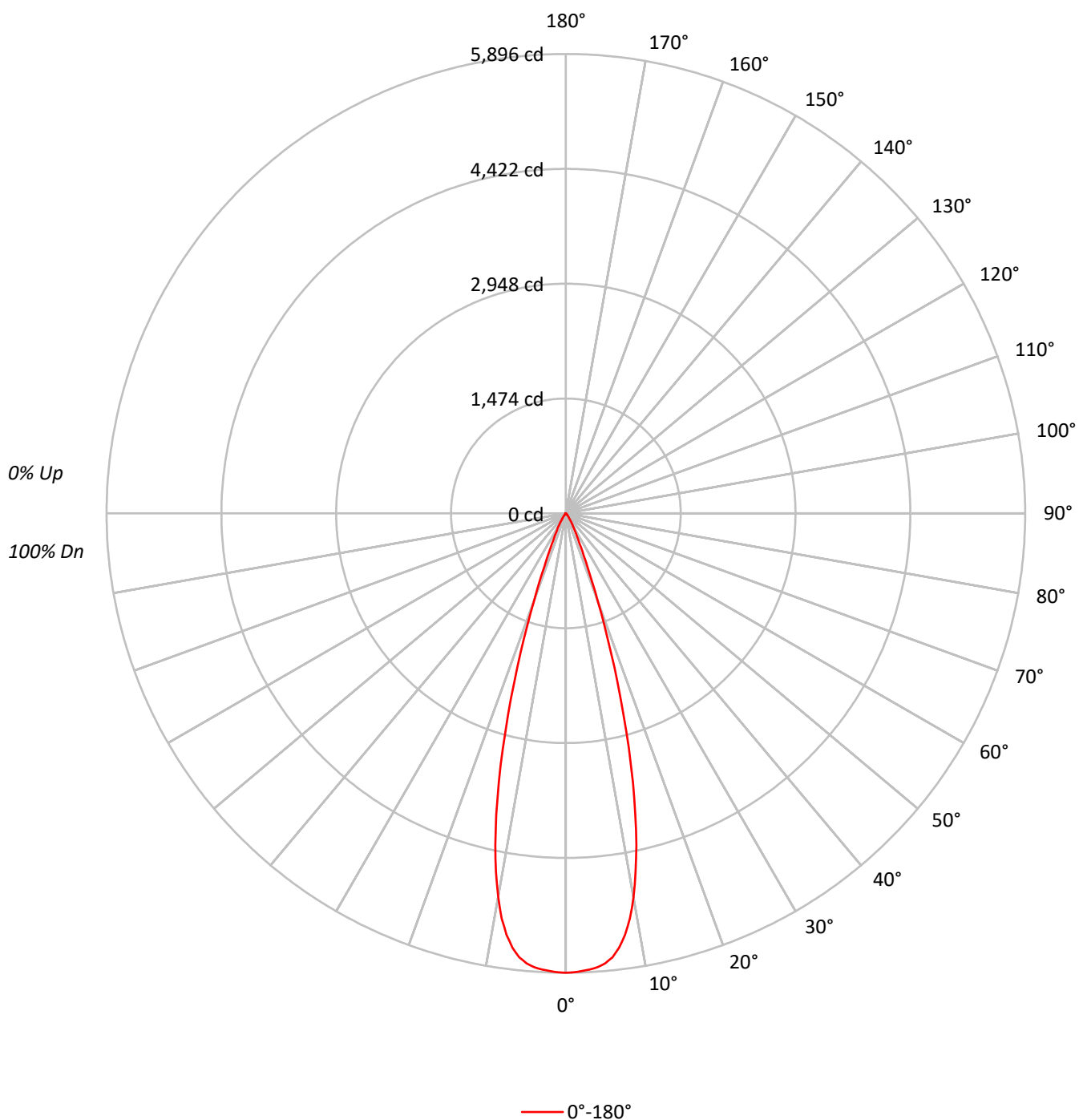
Lumens per Lamp: N/A
Luminaire Lumens: 1625.0 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		97
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		94
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		90
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		88
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		85
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		82
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		80
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		78
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		76
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1292901
5°	1276048
10°	1114096
15°	708131
20°	280561
25°	93707
30°	43602
35°	19756
40°	7586
45°	3721
50°	1092
55°	497
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3721 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	530.0	32.6
10°-20°	821.9	50.6
20°-30°	211.9	13.0
30°-40°	49.8	3.1
40°-50°	9.7	0.6
50°-60°	1.1	0.1
60°-70°	0.5	0.0
70°-80°	0.0	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°	1563.8	96.2
0°-40°	1613.6	99.3
0°-60°	1624.5	100.0
0°-90°	1625.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1625.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5896	
5°	5797	530
15°	3119	822
25°	387	212
35°	74	50
45°	12	10
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5896.1
1°	5891.7
2°	5877.8
3°	5862.0
4°	5838.7
5°	5797.1
6°	5729.6
7°	5617.3
8°	5464.0
9°	5264.0
10°	5003.5
11°	4693.8
12°	4355.7
13°	3966.5
14°	3559.0
15°	3119.3
16°	2688.5
17°	2273.4
18°	1875.4
19°	1510.1
20°	1202.3
21°	946.2
22°	744.3
23°	589.2
24°	471.8
25°	387.3
26°	323.0
27°	274.4
28°	237.2
29°	203.1
30°	172.2
32.5°	108.5
35°	73.8
37.5°	46.0
40°	26.5
42.5°	17.7
45°	12.0
47.5°	6.9
50°	3.2
52.5°	1.3
55°	1.3
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.6
70°	0.0
72.5°	0.0
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)