

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: P1286663

Luminaire Tested: P3AS05R709030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R709030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

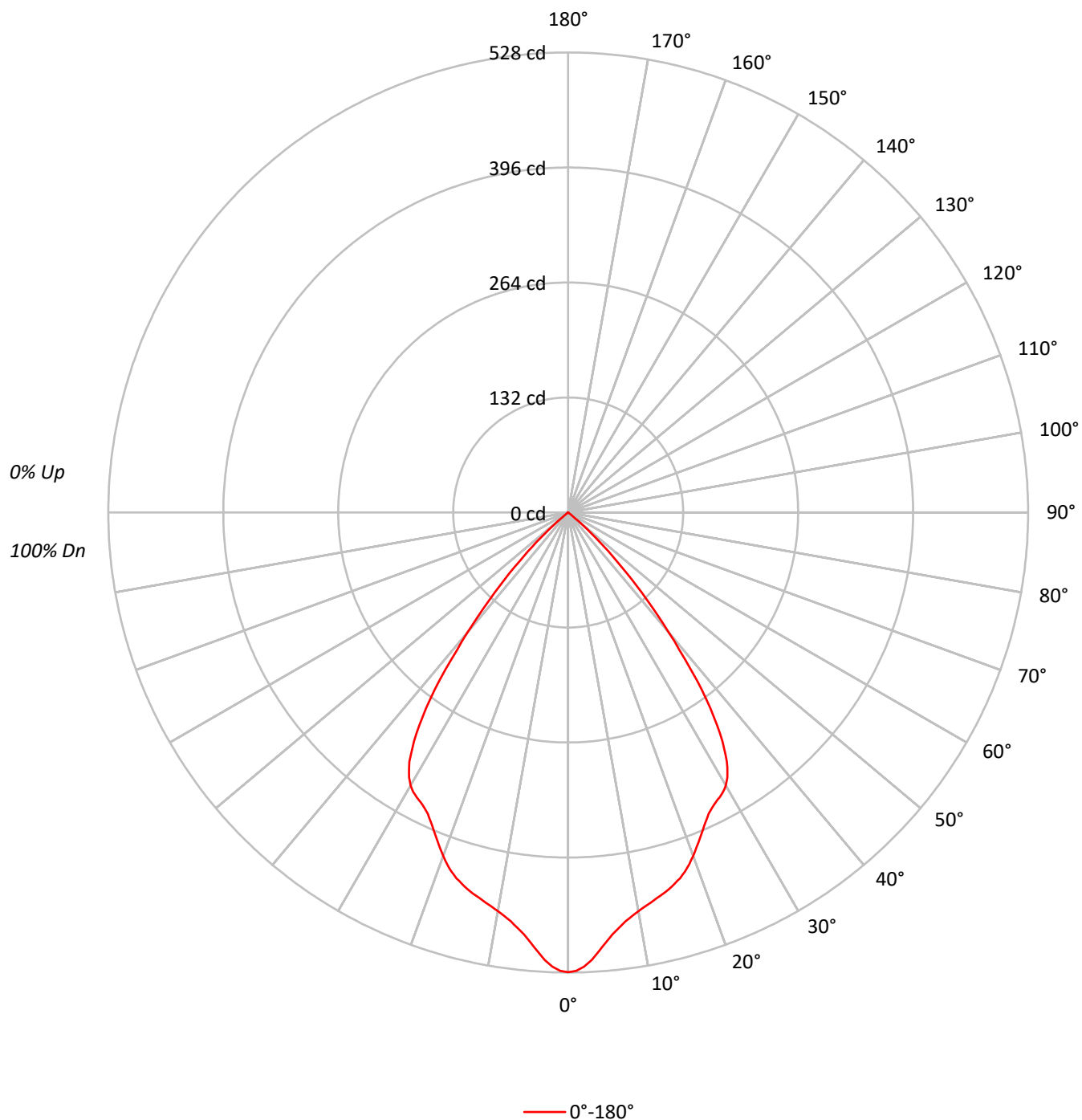
Lumens per Lamp: N/A
Luminaire Lumens: 594.9 lumens
Efficiency: N/A
Efficacy: 53.6 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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				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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	82	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115692
5°	109091
10°	103449
15°	101590
20°	97915
25°	92304
30°	91634
35°	79799
40°	51611
45°	24406
50°	3411
55°	268
60°	219
65°	259
70°	128
75°	169
80°	253
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	7.8
10°-20°	125.7	21.1
20°-30°	177.8	29.9
30°-40°	178.6	30.0
40°-50°	64.3	10.8
50°-60°	1.7	0.3
60°-70°	0.4	0.1
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°	349.7	58.8
0°-40°	528.3	88.8
0°-60°	594.3	99.9
0°-90°	594.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	528	
5°	496	46
15°	448	126
25°	382	178
35°	298	179
45°	79	64
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	527.6
1°	526.1
2°	521.5
3°	514.2
4°	504.9
5°	495.6
6°	486.8
7°	480.0
8°	473.8
9°	469.0
10°	464.6
11°	460.9
12°	457.5
13°	454.0
14°	450.9
15°	447.5
16°	443.3
17°	438.9
18°	433.5
19°	426.9
20°	419.6
21°	411.5
22°	403.5
23°	395.6
24°	388.1
25°	381.5
26°	376.8
27°	373.2
28°	370.2
29°	366.8
30°	361.9
31°	354.8
32°	344.8
32.5°	339.2
33°	331.6
34°	316.7
35°	298.1
36°	277.6
37°	254.4
37.5°	243.6
38°	229.0
39°	202.8
40°	180.3
42.5°	124.9
45°	78.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	42.3
50°	10.0
52.5°	1.2
55°	0.7
57.5°	0.7
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)