

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: P1287012

Luminaire Tested: P3AS09R709030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287012
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: P3AS09R709030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

Summary

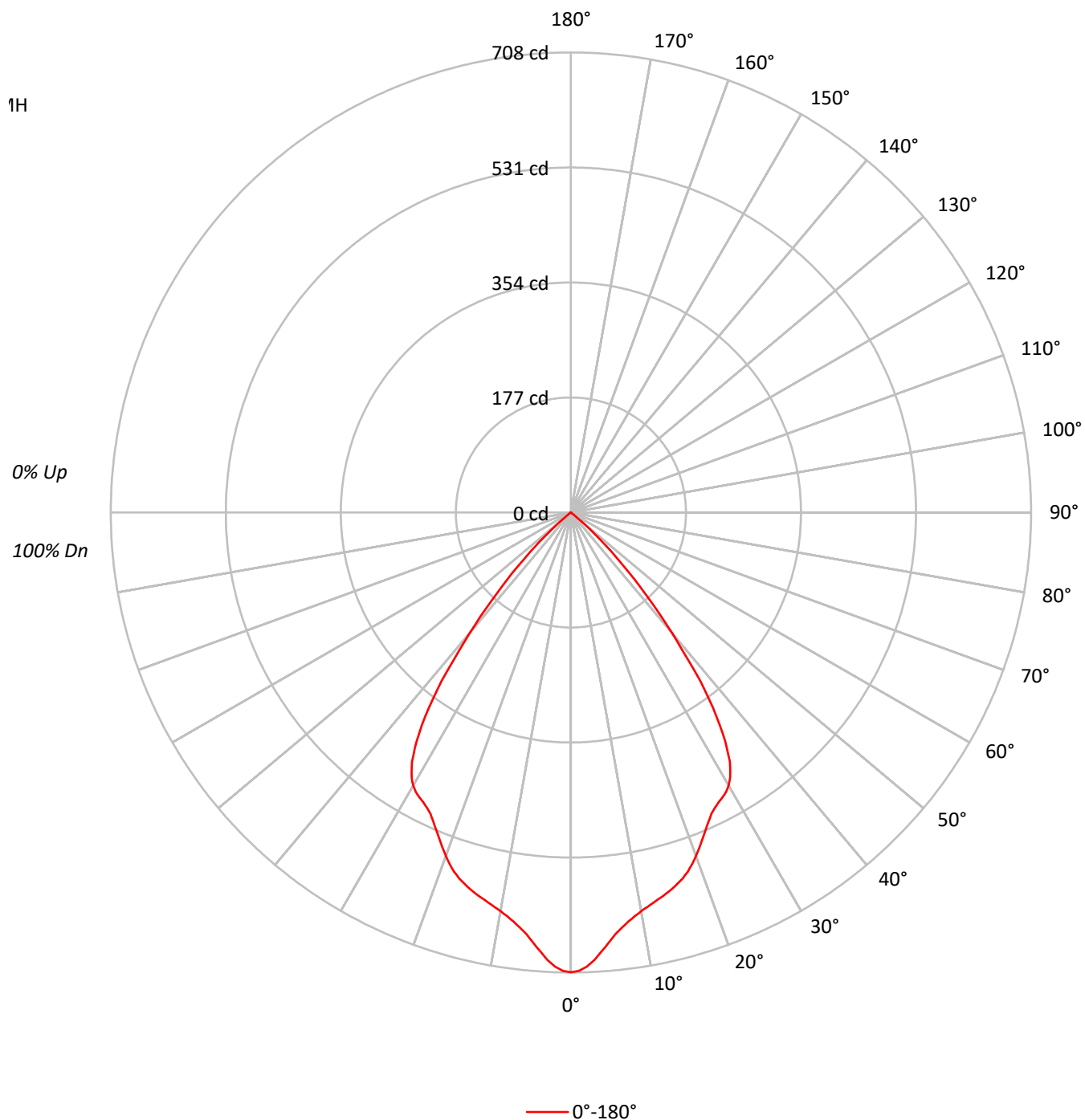
Lumens per Lamp: N/A
Luminaire Lumens: 798.0 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	81	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°	155163
5°	146313
10°	138742
15°	136232
20°	131308
25°	123781
30°	122905
35°	107050
40°	69244
45°	32717
50°	4571
55°	382
60°	307
65°	363
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32717 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.1	7.8
10°-20°	168.5	21.1
20°-30°	238.4	29.9
30°-40°	239.6	30.0
40°-50°	86.2	10.8
50°-60°	2.3	0.3
60°-70°	0.5	0.1
70°-80°	0.3	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°	469.0	58.8
0°-40°	708.6	88.8
0°-60°	797.1	99.9
0°-90°	798.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	798.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	708	
5°	665	62
15°	600	169
25°	512	238
35°	400	240
45°	106	86
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	707.6
1°	705.6
2°	699.4
3°	689.6
4°	677.1
5°	664.7
6°	652.9
7°	643.7
8°	635.5
9°	629.0
10°	623.1
11°	618.1
12°	613.5
13°	609.0
14°	604.7
15°	600.1
16°	594.5
17°	588.6
18°	581.4
19°	572.6
20°	562.7
21°	551.9
22°	541.1
23°	530.6
24°	520.5
25°	511.6
26°	505.4
27°	500.5
28°	496.5
29°	492.0
30°	485.4
31°	475.9
32°	462.5
32.5°	454.9
33°	444.8
34°	424.8
35°	399.9
36°	372.3
37°	341.2
37.5°	326.8
38°	307.1
39°	272.0
40°	241.9
42.5°	167.5
45°	105.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	56.7
50°	13.4
52.5°	1.6
55°	1.0
57.5°	1.0
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)