

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: P1286787

Luminaire Tested: P3AS09R309030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286787
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

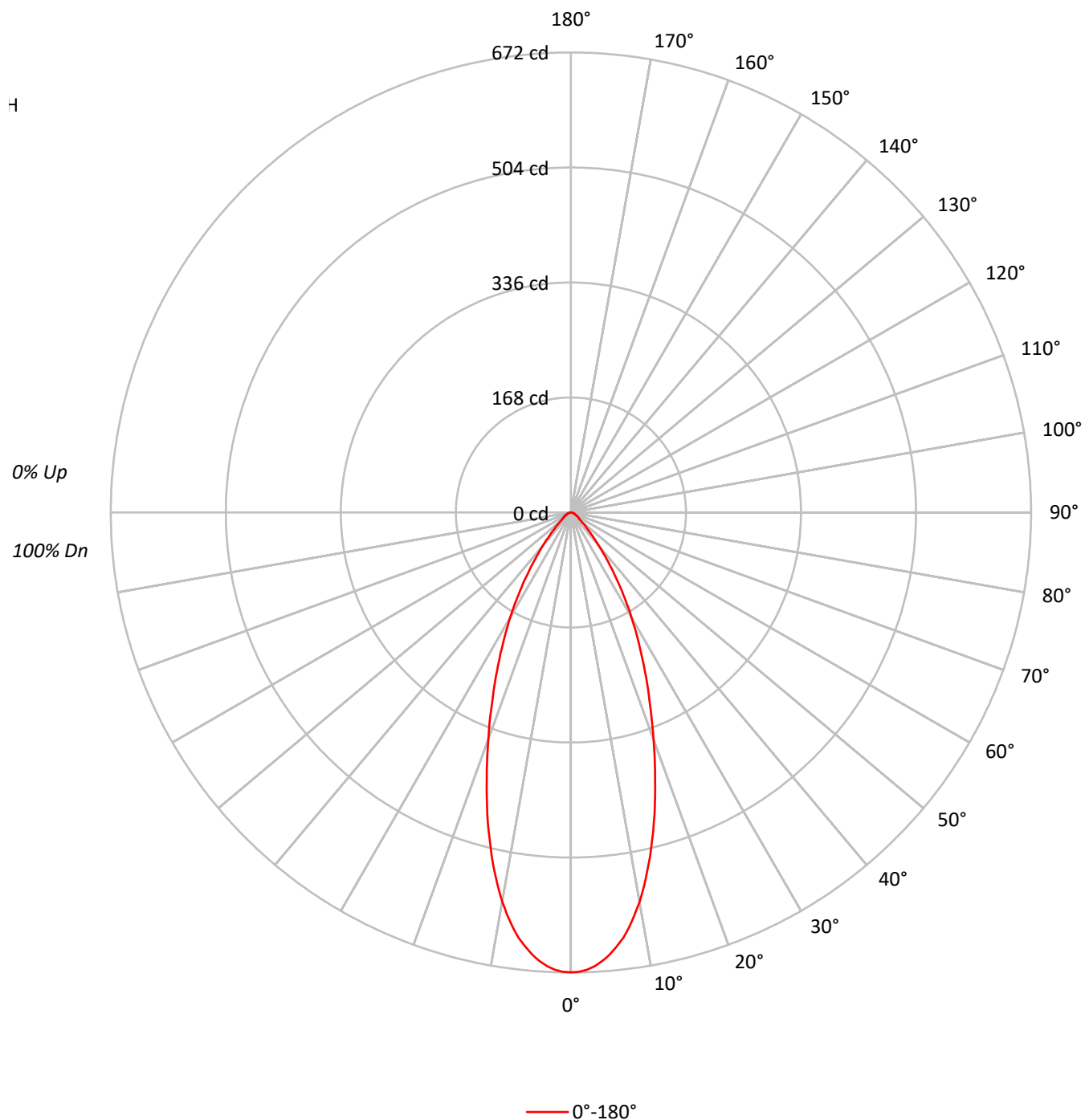
Lumens per Lamp: N/A
Luminaire Lumens: 431.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147291
5°	142703
10°	128566
15°	106357
20°	82350
25°	61770
30°	44842
35°	29874
40°	18377
45°	10792
50°	6618
55°	5352
60°	4693
65°	3840
70°	3398
75°	3389
80°	2526
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.6	13.8
10°-20°	129.0	29.9
20°-30°	117.4	27.2
30°-40°	71.0	16.5
40°-50°	28.5	6.6
50°-60°	12.6	2.9
60°-70°	7.6	1.8
70°-80°	4.1	1.0
80°-90°	1.2	0.3
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°	306.0	71.0
0°-40°	377.0	87.5
0°-60°	418.1	97.0
0°-90°	431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	431.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	672	
5°	648	60
15°	468	129
25°	255	117
35°	112	71
45°	35	28
55°	14	13
65°	7	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	671.7
1°	671.0
2°	668.3
3°	663.6
4°	657.0
5°	648.3
6°	637.6
7°	626.2
8°	611.5
9°	594.8
10°	577.4
11°	557.4
12°	536.0
13°	514.6
14°	491.2
15°	468.5
17.5°	409.0
20°	352.9
22.5°	300.7
25°	255.3
27.5°	213.9
30°	177.1
32.5°	143.0
35°	111.6
37.5°	85.5
40°	64.2
42.5°	46.8
45°	34.8
47.5°	26.1
50°	19.4
52.5°	15.4
55°	14.0
57.5°	12.0
60°	10.7
62.5°	8.7
65°	7.4
67.5°	6.7
70°	5.3
72.5°	4.7
75°	4.0
77.5°	3.3
80°	2.0
82.5°	1.3
85°	1.3
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)