

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: P1286694

Luminaire Tested: P3AS09R159030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286694
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

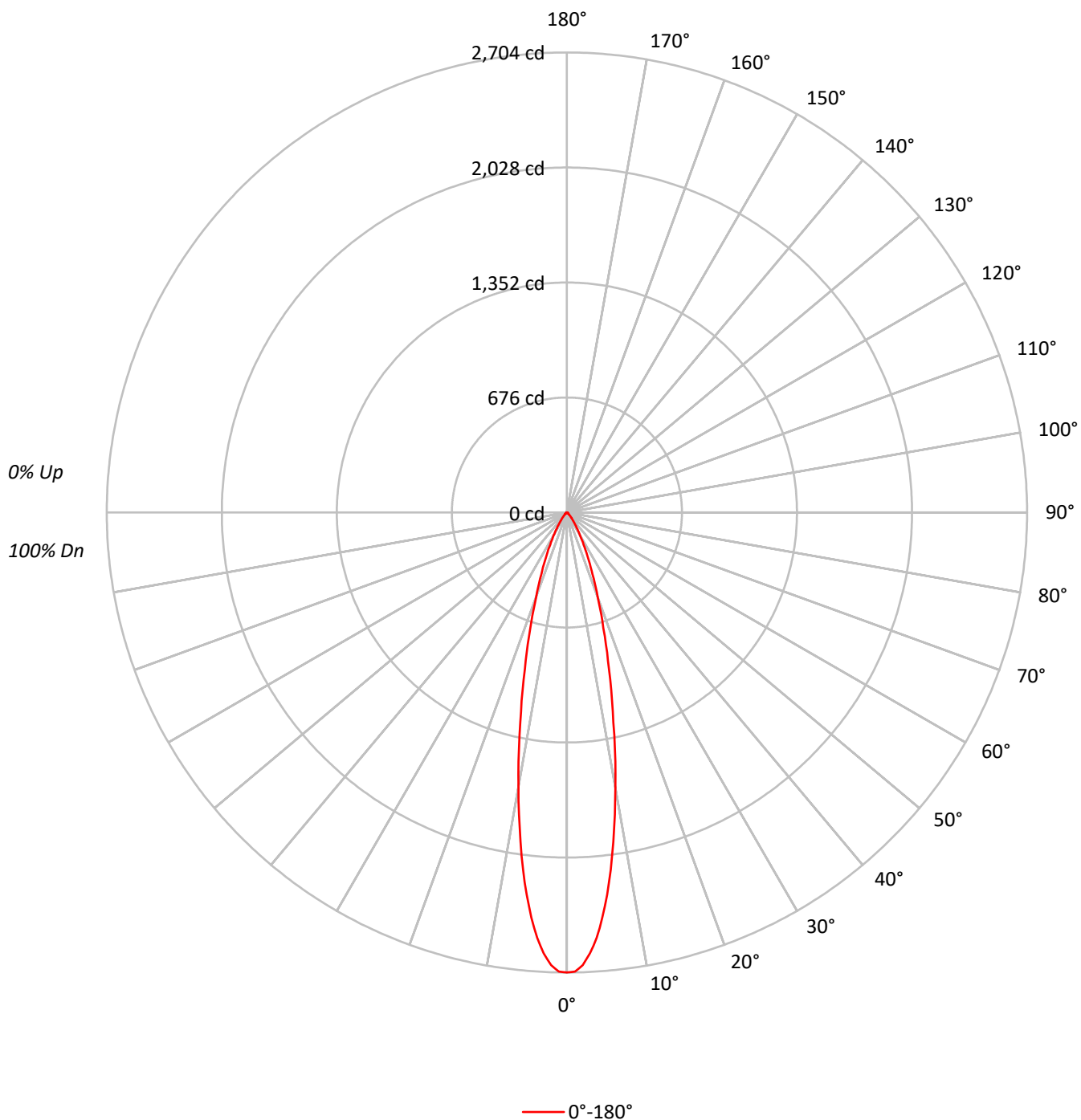
Lumens per Lamp: N/A
Luminaire Lumens: 694.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	592847
5°	526259
10°	365457
15°	216119
20°	123094
25°	70359
30°	38943
35°	20773
40°	11479
45°	6233
50°	3889
55°	3058
60°	2631
65°	2439
70°	2116
75°	2288
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6233 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.3	29.3
10°-20°	268.3	38.7
20°-30°	138.1	19.9
30°-40°	51.9	7.5
40°-50°	17.0	2.4
50°-60°	7.3	1.1
60°-70°	4.6	0.7
70°-80°	2.7	0.4
80°-90°	0.7	0.1
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°	609.8	87.9
0°-40°	661.6	95.3
0°-60°	685.9	98.8
0°-90°	694.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	694.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2704	
5°	2391	203
15°	952	268
25°	291	138
35°	78	52
45°	20	17
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2703.6
1°	2698.3
2°	2662.9
3°	2595.3
4°	2506.4
5°	2390.8
6°	2259.7
7°	2116.0
8°	1956.2
9°	1798.4
10°	1641.3
12.5°	1262.9
15°	952.0
17.5°	712.7
20°	527.5
22.5°	393.8
25°	290.8
27.5°	211.9
30°	153.8
32.5°	109.0
35°	77.6
37.5°	55.5
40°	40.1
42.5°	28.7
45°	20.1
47.5°	14.7
50°	11.4
52.5°	9.4
55°	8.0
57.5°	6.7
60°	6.0
62.5°	5.3
65°	4.7
67.5°	4.0
70°	3.3
72.5°	3.3
75°	2.7
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)