

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: P1286089

Luminaire Tested: P3AS02R309030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286089
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: P3AS02R309030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

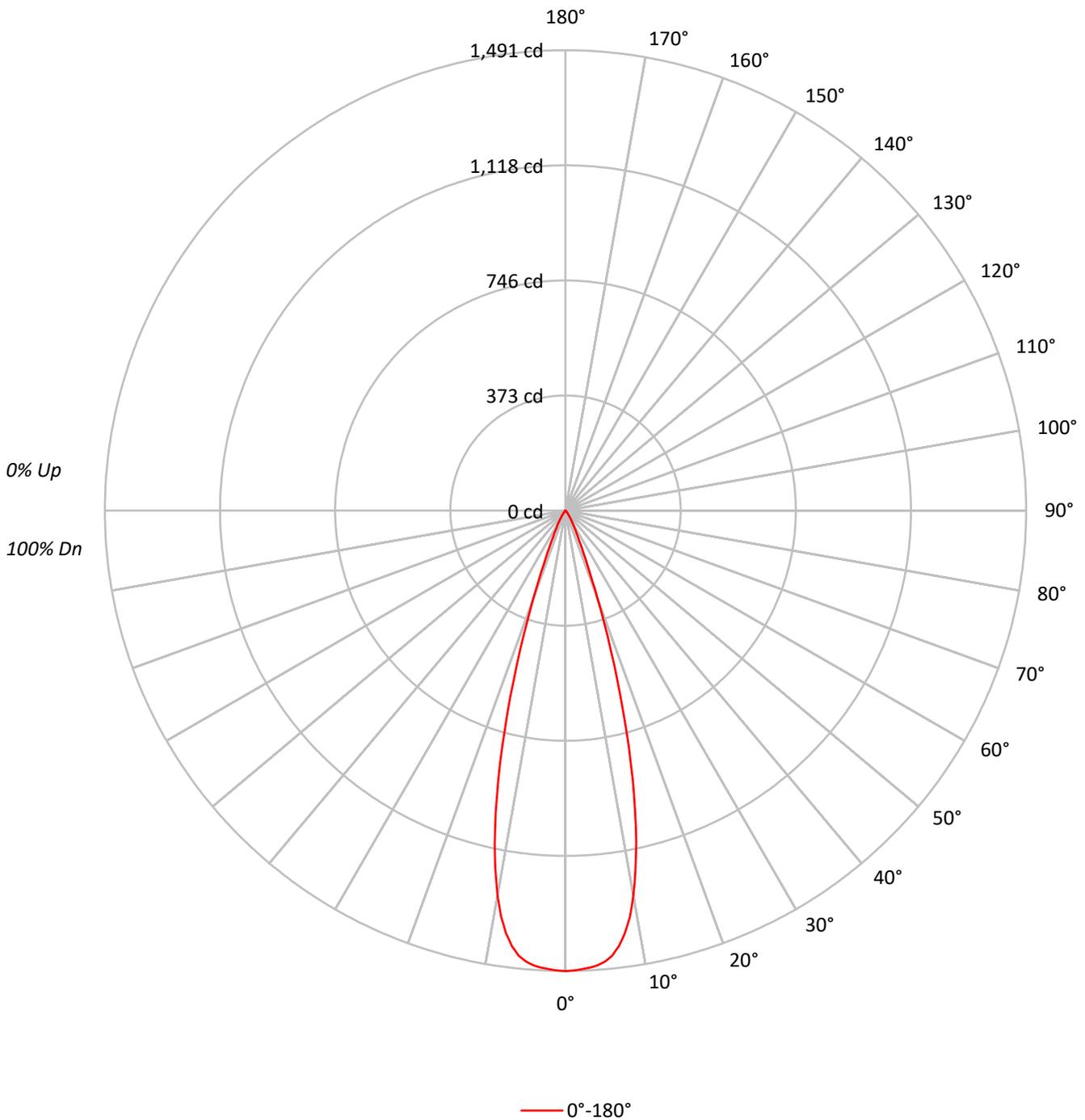
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 57.1 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): 7.2
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				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100	99	98	97
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	93	91	89	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	90	88	86	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	88	85	83	82
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	86	83	81	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	84	81	79	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	81	79	77	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	81	79	77	81	79	77	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	79	77	75	79	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	327013
5°	322737
10°	281781
15°	179093
20°	70963
25°	23711
30°	11040
35°	5006
40°	1918
45°	930
50°	273
55°	115
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 930 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.0	32.6
10°-20°	207.9	50.6
20°-30°	53.6	13.0
30°-40°	12.6	3.1
40°-50°	2.5	0.6
50°-60°	0.3	0.1
60°-70°	0.2	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°	395.5	96.2
0°-40°	408.1	99.3
0°-60°	410.9	100.0
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1491	
5°	1466	134
15°	789	208
25°	98	54
35°	19	13
45°	3	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1491.3
1°	1490.1
2°	1486.6
3°	1482.6
4°	1476.7
5°	1466.2
6°	1449.1
7°	1420.7
8°	1382.0
9°	1331.4
10°	1265.5
11°	1187.2
12°	1101.7
13°	1003.2
14°	900.1
15°	788.9
16°	680.0
17°	575.0
18°	474.3
19°	381.9
20°	304.1
21°	239.3
22°	188.3
23°	149.0
24°	119.3
25°	98.0
26°	81.7
27°	69.4
28°	60.0
29°	51.4
30°	43.6
32.5°	27.4
35°	18.7
37.5°	11.6
40°	6.7
42.5°	4.5
45°	3.0
47.5°	1.8
50°	0.8
52.5°	0.3
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.2
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)