

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: P1286778

Luminaire Tested: P3AS09R309030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286778
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: P3AS09R309030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

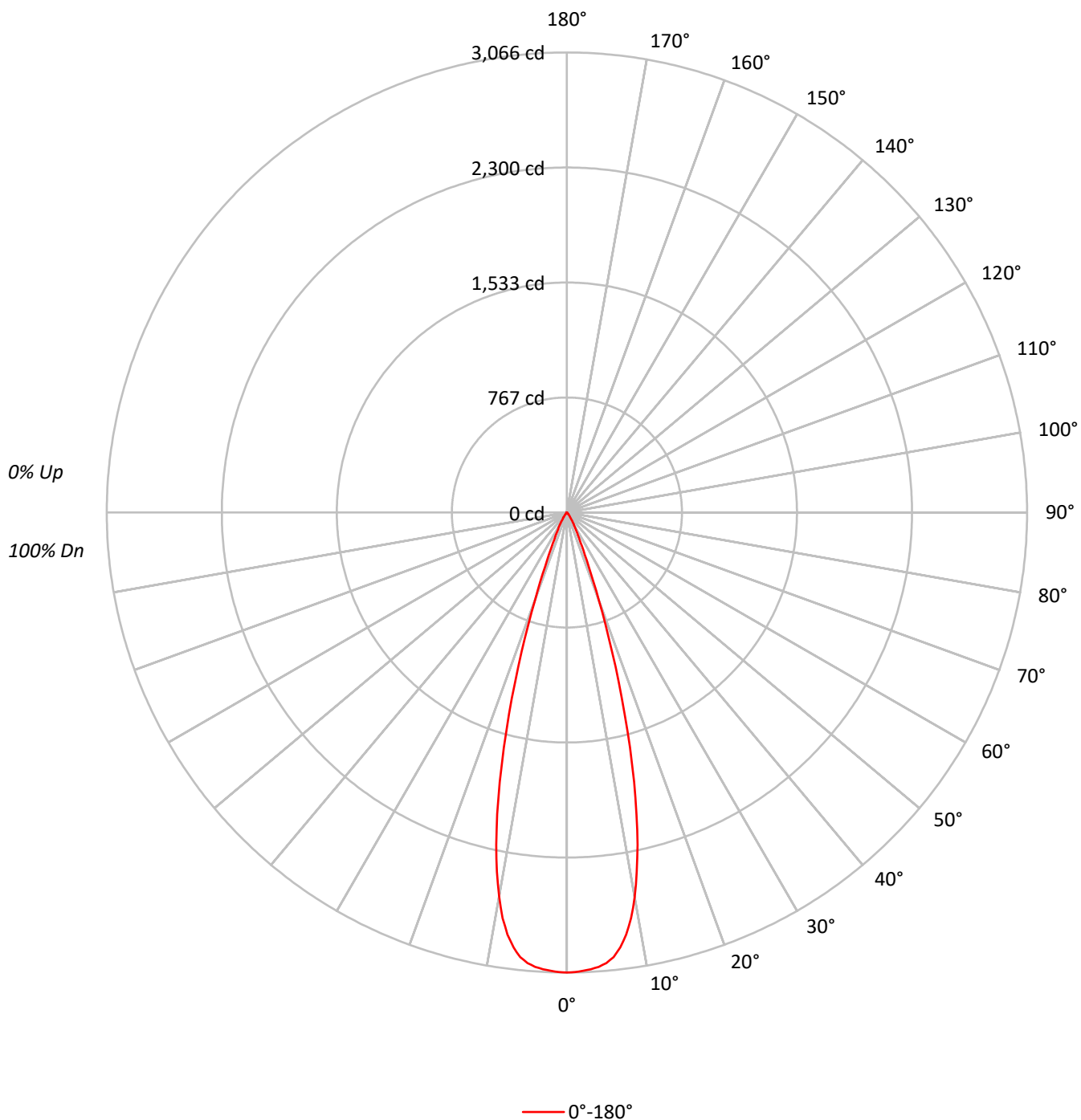
Lumens per Lamp: N/A
Luminaire Lumens: 845.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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			0
RW	70	50	30	10	70	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
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97	96	95	94
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95	93	92	90
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93	91	89	88
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90	88	86	85
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		88	85	83	82
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86	83	81	80
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84	81	79	78
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82	79	77	76
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	672315
5°	663547
10°	579326
15°	368220
20°	145893
25°	48729
30°	22662
35°	10279
40°	3950
45°	1923
50°	546
55°	268
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1923 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.6	32.6
10°-20°	427.4	50.6
20°-30°	110.2	13.0
30°-40°	25.9	3.1
40°-50°	5.0	0.6
50°-60°	0.6	0.1
60°-70°	0.3	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°	813.2	96.2
0°-40°	839.1	99.3
0°-60°	844.7	100.0
0°-90°	845.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	845.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3066	
5°	3014	276
15°	1622	427
25°	201	110
35°	38	26
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3066.0
1°	3063.7
2°	3056.5
3°	3048.3
4°	3036.1
5°	3014.5
6°	2979.4
7°	2921.0
8°	2841.3
9°	2737.3
10°	2601.8
11°	2440.8
12°	2265.0
13°	2062.6
14°	1850.7
15°	1622.0
16°	1398.0
17°	1182.2
18°	975.2
19°	785.3
20°	625.2
21°	492.0
22°	387.1
23°	306.4
24°	245.4
25°	201.4
26°	167.9
27°	142.7
28°	123.3
29°	105.6
30°	89.5
32.5°	56.4
35°	38.4
37.5°	23.9
40°	13.8
42.5°	9.2
45°	6.2
47.5°	3.6
50°	1.6
52.5°	0.7
55°	0.7
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.3
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)