

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: P1286548

Luminaire Tested: P3AS05R509030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286548
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

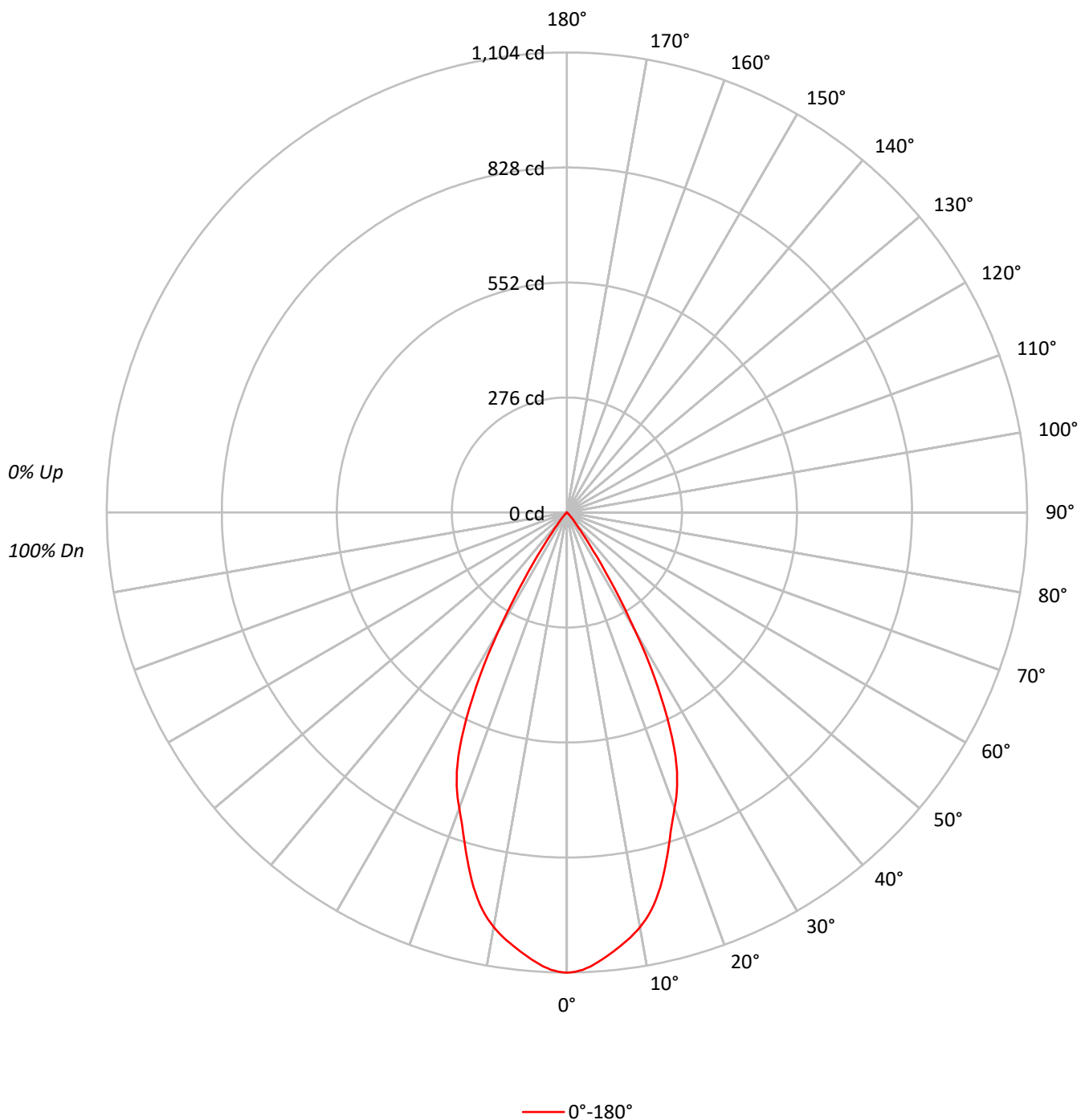
Lumens per Lamp: N/A
Luminaire Lumens: 693.0 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	109	107		112	110	108	106		105	104	102		102	101	99		98	97	97
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	93	91
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86
4	100	94	89	85		99	92	88	85		90	87	84		88	85	83		87	84	82
5	96	89	84	80		94	88	83	79		86	82	79		84	81	78		83	80	77
6	92	84	79	75		91	83	78	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	70		77	73	70		76	72	70
8	84	76	71	67		83	76	71	67		75	70	67		74	69	66		73	69	66
9	81	73	67	64		80	72	67	64		71	67	63		70	66	63		70	66	63
10	78	69	64	61		77	69	64	61		68	64	60		67	63	60		67	63	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	242174
5°	235725
10°	224957
15°	203656
20°	176182
25°	144516
30°	83025
35°	25779
40°	6927
45°	2419
50°	580
55°	191
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2419 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.3	14.5
10°-20°	248.6	35.9
20°-30°	261.2	37.7
30°-40°	74.8	10.8
40°-50°	7.3	1.1
50°-60°	0.6	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°	610.1	88.0
0°-40°	684.9	98.8
0°-60°	692.8	100.0
0°-90°	693.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	693.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1104	
5°	1071	100
15°	897	249
25°	597	261
35°	96	75
45°	8	7
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1104.4
1°	1102.7
2°	1097.8
3°	1090.7
4°	1081.2
5°	1070.9
6°	1059.9
7°	1048.2
8°	1037.2
9°	1024.5
10°	1010.3
11°	993.9
12°	975.1
13°	951.6
14°	926.2
15°	897.1
16°	866.3
17°	836.4
18°	805.9
19°	779.0
20°	755.0
21°	732.0
22°	705.9
23°	675.8
24°	640.6
25°	597.3
26°	550.4
27°	498.0
28°	446.0
29°	389.7
30°	327.9
31°	269.9
32°	216.6
32.5°	193.4
33°	169.9
34°	130.3
35°	96.3
36°	70.7
37°	52.6
37.5°	45.5
38°	39.4
39°	30.6
40°	24.2
42.5°	13.7
45°	7.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.4
50°	1.7
52.5°	0.7
55°	0.5
57.5°	0.5
60°	0.2
62.5°	0.2
65°	0.2
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)