

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: P1260199

Luminaire Tested: P3AS13R709050DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260199
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709050DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

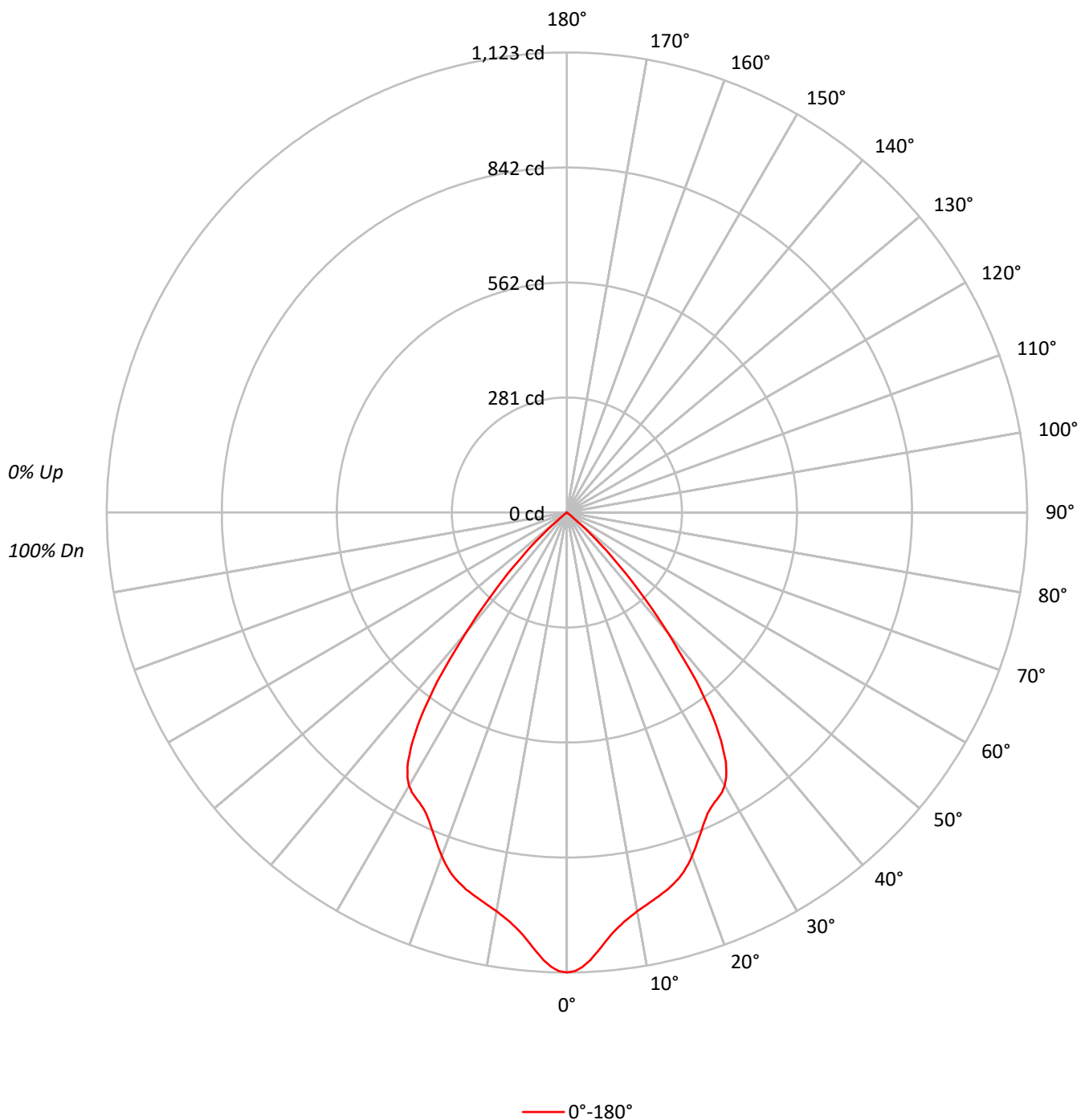
Lumens per Lamp: N/A
Luminaire Lumens: 1266.0 lumens
Efficiency: N/A
Efficacy: 86.7 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	246164
5°	232115
10°	220103
15°	216142
20°	208338
25°	196390
30°	194992
35°	169824
40°	109834
45°	51912
50°	7266
55°	612
60°	439
65°	519
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.5	7.8
10°-20°	267.4	21.1
20°-30°	378.2	29.9
30°-40°	380.1	30.0
40°-50°	136.7	10.8
50°-60°	3.7	0.3
60°-70°	0.8	0.1
70°-80°	0.5	0.0
80°-90°	0.1	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°	744.1	58.8
0°-40°	1124.2	88.8
0°-60°	1264.6	99.9
0°-90°	1266.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1266.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1123	
5°	1054	98
15°	952	267
25°	812	378
35°	634	380
45°	167	137
55°	2	4
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1122.6
1°	1119.5
2°	1109.6
3°	1094.0
4°	1074.2
5°	1054.5
6°	1035.8
7°	1021.2
8°	1008.2
9°	997.8
10°	988.5
11°	980.7
12°	973.4
13°	966.1
14°	959.3
15°	952.1
16°	943.2
17°	933.9
18°	922.4
19°	908.4
20°	892.8
21°	875.6
22°	858.5
23°	841.8
24°	825.7
25°	811.7
26°	801.8
27°	794.0
28°	787.7
29°	780.5
30°	770.1
31°	755.0
32°	733.7
32.5°	721.7
33°	705.6
34°	673.9
35°	634.4
36°	590.7
37°	541.3
37.5°	518.4
38°	487.2
39°	431.6
40°	383.7
42.5°	265.7
45°	167.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	90.0
50°	21.3
52.5°	2.6
55°	1.6
57.5°	1.6
60°	1.0
62.5°	1.0
65°	1.0
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)