

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: P1260576

Luminaire Tested: P3AS17R709050DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260576
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: P3AS17R709050DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

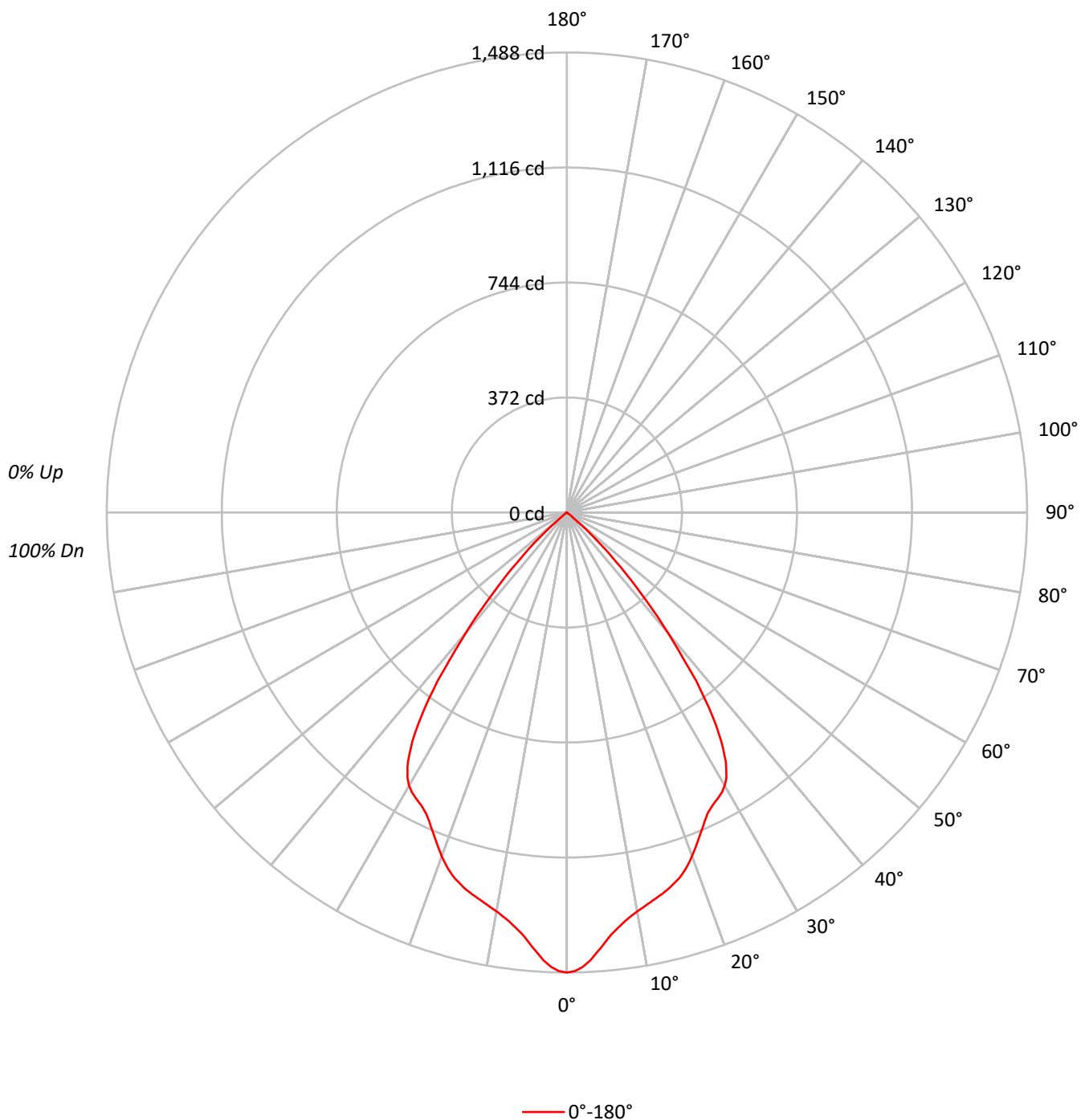
Lumens per Lamp: N/A
Luminaire Lumens: 1678.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
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°	326268
5°	307659
10°	291711
15°	286472
20°	276127
25°	260289
30°	258445
35°	225076
40°	145587
45°	68813
50°	9654
55°	803
60°	614
65°	726
70°	449
75°	593
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 68813 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.5	7.8
10°-20°	354.4	21.1
20°-30°	501.3	29.9
30°-40°	503.8	30.0
40°-50°	181.2	10.8
50°-60°	4.9	0.3
60°-70°	1.1	0.1
70°-80°	0.7	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°	986.2	58.8
0°-40°	1490.0	88.8
0°-60°	1676.1	99.9
0°-90°	1678.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1678.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1488	
5°	1398	131
15°	1262	354
25°	1076	501
35°	841	504
45°	222	181
55°	2	5
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1487.9
1°	1483.8
2°	1470.7
3°	1450.0
4°	1423.8
5°	1397.7
6°	1372.8
7°	1353.5
8°	1336.3
9°	1322.5
10°	1310.1
11°	1299.8
12°	1290.1
13°	1280.5
14°	1271.5
15°	1261.9
16°	1250.2
17°	1237.8
18°	1222.6
19°	1204.0
20°	1183.3
21°	1160.6
22°	1137.8
23°	1115.8
24°	1094.4
25°	1075.8
26°	1062.7
27°	1052.4
28°	1044.1
29°	1034.5
30°	1020.7
31°	1000.7
32°	972.4
32.5°	956.6
33°	935.2
34°	893.2
35°	840.8
36°	782.9
37°	717.4
37.5°	687.1
38°	645.8
39°	572.0
40°	508.6
42.5°	352.2
45°	221.9



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	119.2
50°	28.3
52.5°	3.4
55°	2.1
57.5°	2.1
60°	1.4
62.5°	1.4
65°	1.4
67.5°	0.7
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)