

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: P1260489

Luminaire Tested: P3AS17R559050DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260489
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559050DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

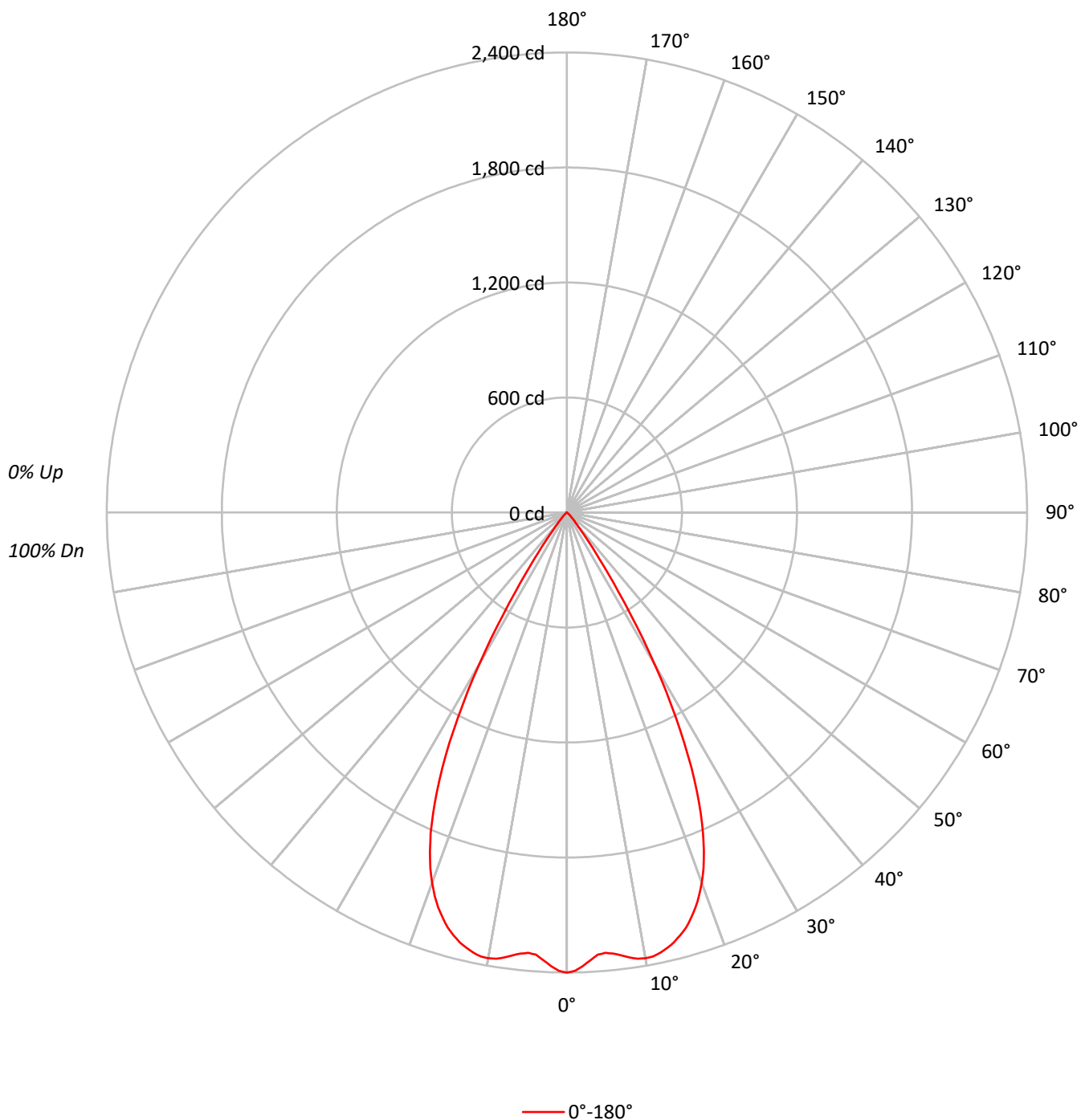
Lumens per Lamp: N/A
Luminaire Lumens: 1815.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	98	94	90	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	84	98	92	87	84	90	86	83		88	84	82		86
5	95	88	82	79	94	87	82	78	85	81	78		84	80	77		82
6	91	83	78	74	90	82	77	74	81	76	73		80	76	73		78
7	87	79	73	70	86	78	73	69	77	72	69		76	72	69		75
8	83	75	69	66	82	74	69	66	73	69	65		72	68	65		71
9	80	71	66	62	79	71	66	62	70	65	62		69	65	62		68
10	77	68	62	59	76	67	62	59	67	62	59		66	62	59		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	526339
5°	507703
10°	525842
15°	518437
20°	479822
25°	388039
30°	232567
35°	78809
40°	21698
45°	9613
50°	2831
55°	535
60°	307
65°	363
70°	449
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.2	12.3
10°-20°	635.8	35.0
20°-30°	706.8	38.9
30°-40°	220.0	12.1
40°-50°	26.4	1.5
50°-60°	2.1	0.1
60°-70°	0.7	0.0
70°-80°	0.1	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°	1565.7	86.3
0°-40°	1785.8	98.4
0°-60°	1814.2	100.0
0°-90°	1815.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1815.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2400	
5°	2306	223
15°	2284	636
25°	1604	707
35°	294	220
45°	31	26
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2400.3
1°	2391.3
2°	2367.8
3°	2338.9
4°	2312.7
5°	2306.5
6°	2313.4
7°	2327.9
8°	2344.4
9°	2357.5
10°	2361.6
11°	2358.9
12°	2347.8
13°	2330.6
14°	2310.6
15°	2283.7
16°	2252.7
17°	2213.4
18°	2169.3
19°	2116.2
20°	2056.2
21°	1987.9
22°	1907.2
23°	1818.3
24°	1716.2
25°	1603.8
26°	1480.4
27°	1349.4
28°	1209.4
29°	1065.3
30°	918.5
31°	770.9
32°	626.8
32.5°	562.7
33°	496.5
34°	384.1
35°	294.4
36°	224.1
37°	166.2
37.5°	142.0
38°	123.4
39°	93.8
40°	75.8
42.5°	48.3
45°	31.0

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	18.6
50°	8.3
52.5°	2.8
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.7
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)