

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: P1260518

Luminaire Tested: P3AS17R609050DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260518
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609050DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

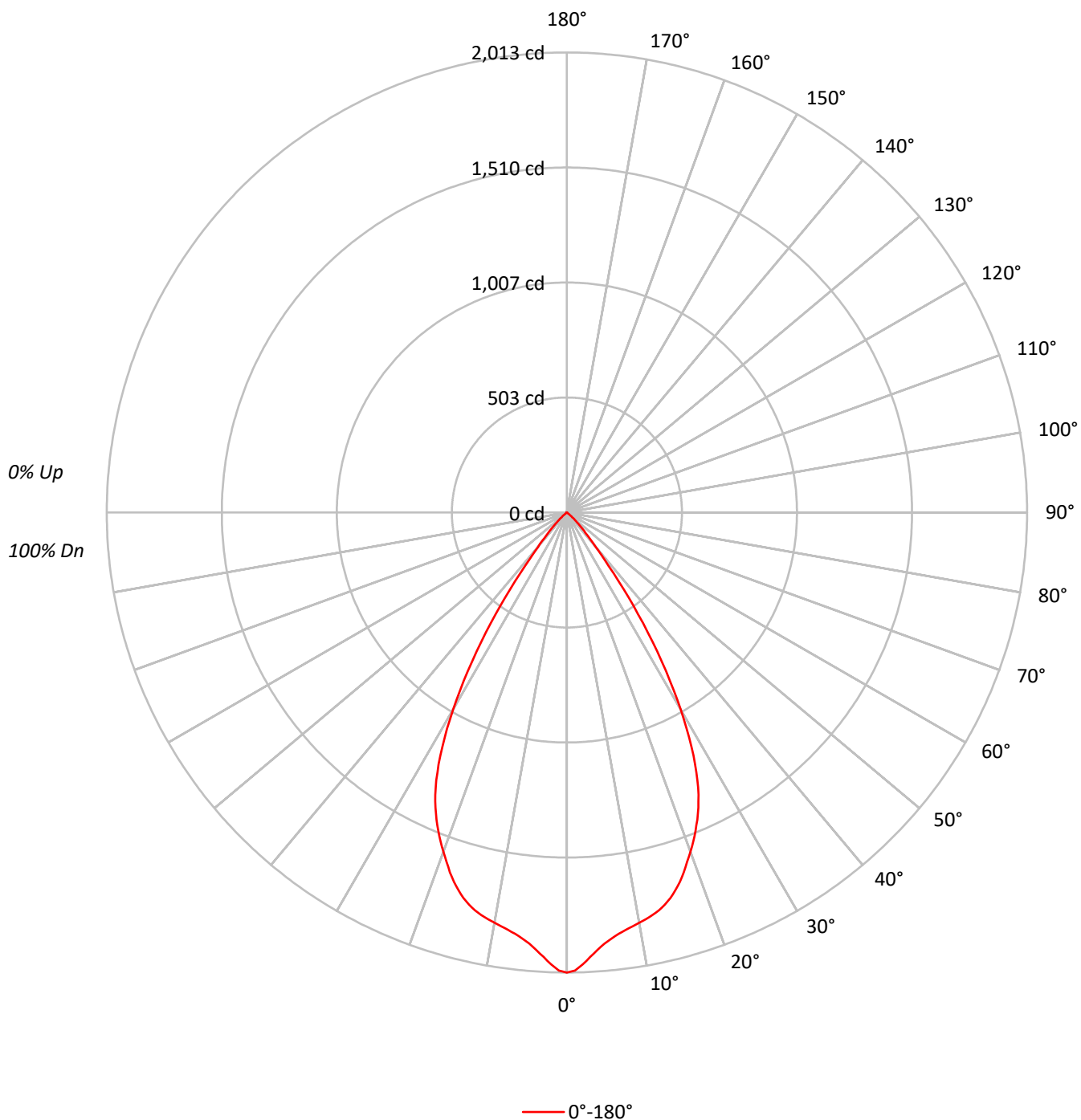
Lumens per Lamp: N/A
Luminaire Lumens: 1685.0 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	441500
5°	416772
10°	405938
15°	396665
20°	368815
25°	329705
30°	251836
35°	145384
40°	56420
45°	23506
50°	5185
55°	803
60°	614
65°	363
70°	449
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23506 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.7	10.6
10°-20°	486.7	28.9
20°-30°	609.6	36.2
30°-40°	340.8	20.2
40°-50°	64.8	3.8
50°-60°	3.3	0.2
60°-70°	0.8	0.0
70°-80°	0.3	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°	1275.1	75.7
0°-40°	1615.9	95.9
0°-60°	1683.9	99.9
0°-90°	1685.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1685.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2013	
5°	1893	179
15°	1747	487
25°	1363	610
35°	543	341
45°	76	65
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2013.4
1°	2005.1
2°	1978.9
3°	1947.9
4°	1918.9
5°	1893.4
6°	1874.1
7°	1857.6
8°	1845.2
9°	1833.5
10°	1823.1
11°	1812.8
12°	1801.1
13°	1786.6
14°	1769.4
15°	1747.3
16°	1720.4
17°	1690.1
18°	1655.6
19°	1616.3
20°	1580.5
21°	1541.9
22°	1501.9
23°	1459.9
24°	1413.7
25°	1362.7
26°	1302.7
27°	1235.9
28°	1160.7
29°	1080.8
30°	994.6
31°	907.8
32°	818.2
32.5°	769.2
33°	725.1
34°	633.4
35°	543.1
36°	461.8
37°	375.7
37.5°	336.4
38°	297.8
39°	239.9
40°	197.1
42.5°	119.9
45°	75.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	42.0
50°	15.2
52.5°	3.4
55°	2.1
57.5°	1.4
60°	1.4
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.7
72.5°	0.7
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)