

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: P1260318

Luminaire Tested: P3AS17R259050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260318
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

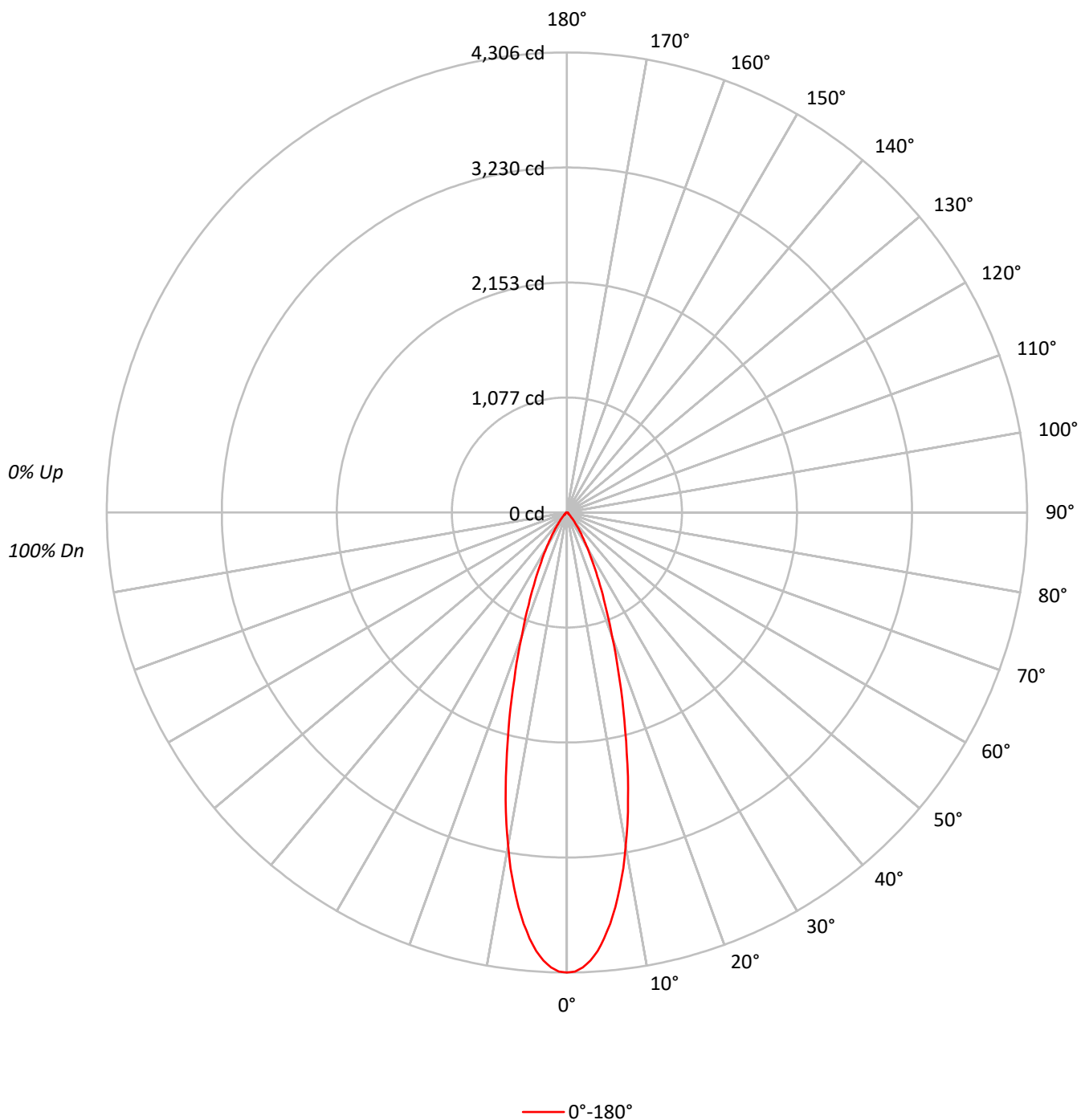
Lumens per Lamp: N/A
Luminaire Lumens: 1472.0 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	944223
5°	880957
10°	705709
15°	479027
20°	289872
25°	169510
30°	96521
35°	53110
40°	28196
45°	14823
50°	8631
55°	6461
60°	5570
65°	5863
70°	5386
75°	4745
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14823 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.2	24.1
10°-20°	580.1	39.4
20°-30°	331.5	22.5
30°-40°	130.8	8.9
40°-50°	40.1	2.7
50°-60°	15.9	1.1
60°-70°	10.6	0.7
70°-80°	5.9	0.4
80°-90°	1.9	0.1
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°	1266.8	86.1
0°-40°	1397.6	94.9
0°-60°	1453.6	98.7
0°-90°	1472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4306	
5°	4002	355
15°	2110	580
25°	701	332
35°	198	131
45°	48	40
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4306.0
1°	4297.6
2°	4262.4
3°	4200.5
4°	4114.7
5°	4002.2
6°	3870.0
7°	3720.8
8°	3547.8
9°	3370.6
10°	3169.4
11°	2971.0
12°	2753.0
13°	2537.8
14°	2316.9
15°	2110.1
17.5°	1636.0
20°	1242.2
22.5°	932.7
25°	700.6
27.5°	519.1
30°	381.2
32.5°	275.7
35°	198.4
37.5°	140.7
40°	98.5
42.5°	67.5
45°	47.8
47.5°	33.8
50°	25.3
52.5°	19.7
55°	16.9
57.5°	15.5
60°	12.7
62.5°	11.3
65°	11.3
67.5°	9.8
70°	8.4
72.5°	7.0
75°	5.6
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)