

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: P1274334

Luminaire Tested: P3AS17R259830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274334
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: P3AS17R259830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

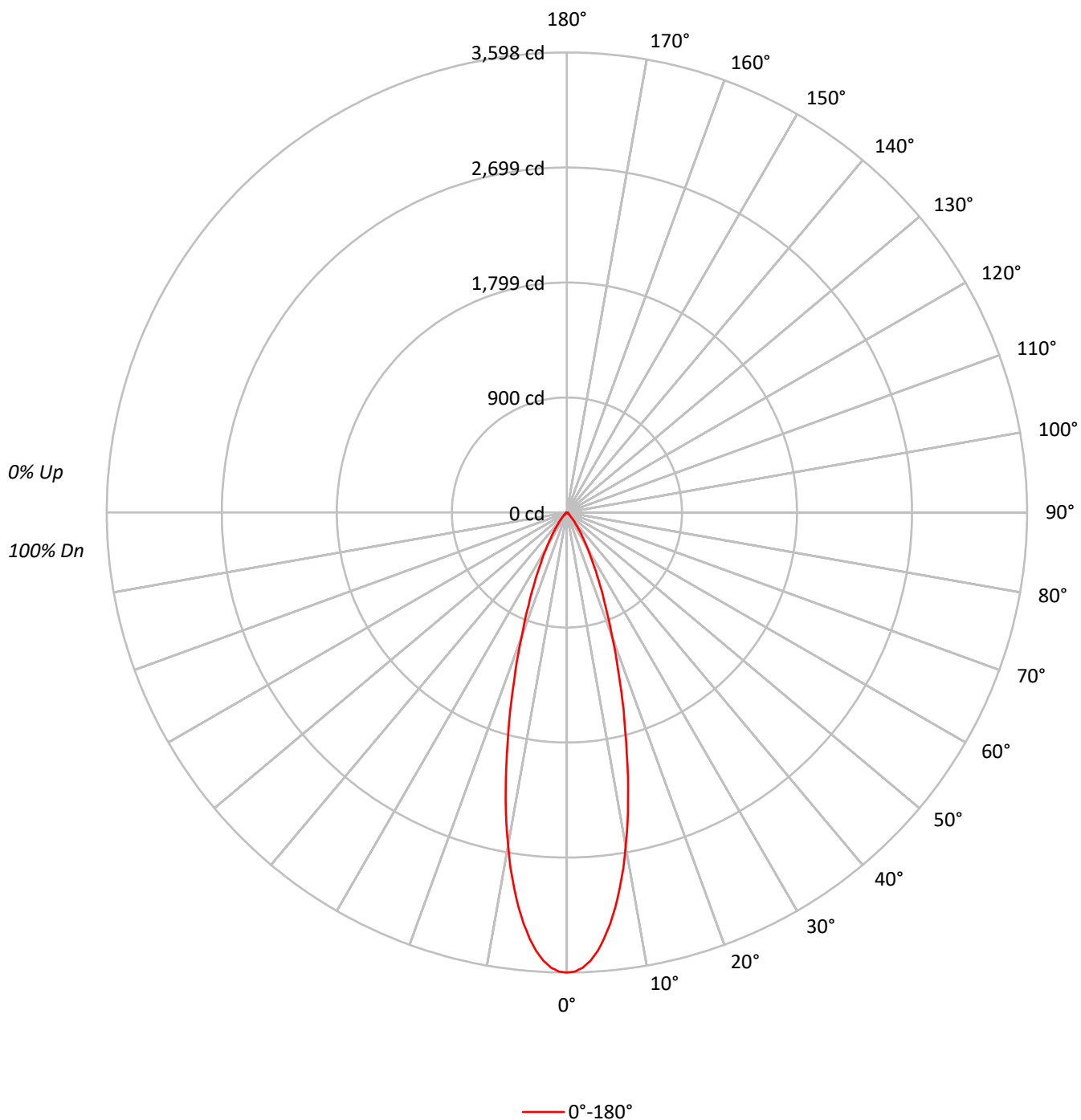
Lumens per Lamp: N/A
Luminaire Lumens: 1230.0 lumens
Efficiency: N/A
Efficacy: 60.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	788994
5°	736120
10°	589680
15°	400275
20°	242198
25°	141637
30°	80671
35°	44357
40°	23558
45°	12404
50°	7232
55°	5390
60°	4649
65°	4877
70°	4552
75°	3982
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12404 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.8	24.1
10°-20°	484.8	39.4
20°-30°	277.0	22.5
30°-40°	109.3	8.9
40°-50°	33.5	2.7
50°-60°	13.2	1.1
60°-70°	8.9	0.7
70°-80°	5.0	0.4
80°-90°	1.6	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°	1058.5	86.1
0°-40°	1167.8	94.9
0°-60°	1214.6	98.7
0°-90°	1230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3598	
5°	3344	297
15°	1763	485
25°	585	277
35°	166	109
45°	40	34
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3598.1
1°	3591.1
2°	3561.7
3°	3510.0
4°	3438.3
5°	3344.2
6°	3233.7
7°	3109.1
8°	2964.5
9°	2816.4
10°	2648.3
11°	2482.6
12°	2300.4
13°	2120.6
14°	1936.0
15°	1763.2
17.5°	1367.1
20°	1037.9
22.5°	779.3
25°	585.4
27.5°	433.7
30°	318.6
32.5°	230.4
35°	165.7
37.5°	117.5
40°	82.3
42.5°	56.4
45°	40.0
47.5°	28.2
50°	21.2
52.5°	16.5
55°	14.1
57.5°	12.9
60°	10.6
62.5°	9.4
65°	9.4
67.5°	8.2
70°	7.1
72.5°	5.9
75°	4.7
77.5°	3.5
80°	2.4
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)