

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: P1274366

Luminaire Tested: P3AS17R309830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274366
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

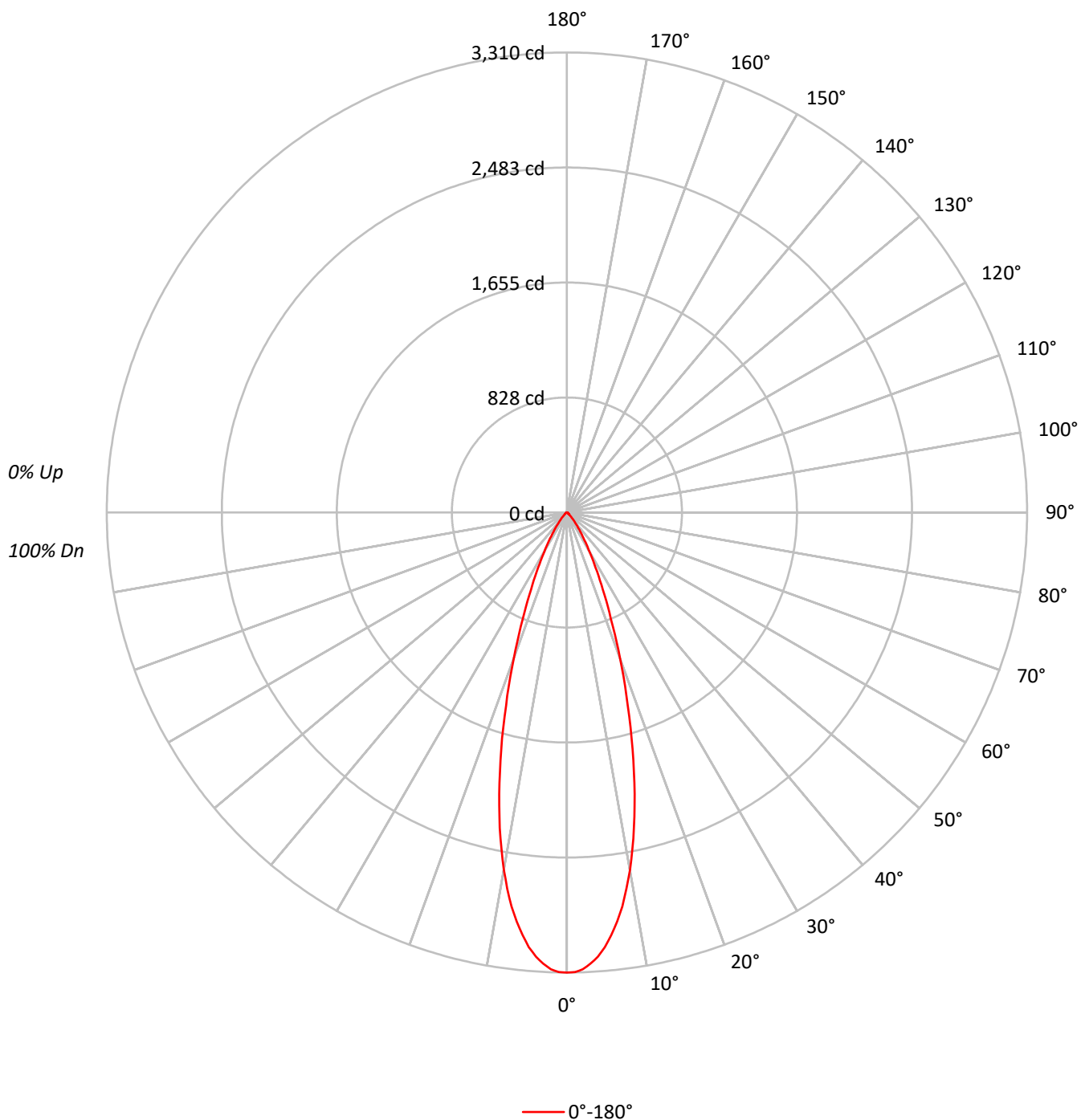
Lumens per Lamp: N/A
Luminaire Lumens: 1244.0 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	725907
5°	690929
10°	581152
15°	419117
20°	259979
25°	147855
30°	82114
35°	44678
40°	23558
45°	12746
50°	6823
55°	4511
60°	4122
65°	4255
70°	3783
75°	2965
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.6	22.7
10°-20°	502.4	40.4
20°-30°	290.4	23.3
30°-40°	110.2	8.9
40°-50°	33.8	2.7
50°-60°	11.4	0.9
60°-70°	7.7	0.6
70°-80°	4.2	0.3
80°-90°	1.3	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°	1075.4	86.4
0°-40°	1185.6	95.3
0°-60°	1230.9	98.9
0°-90°	1244.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1244.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3310	
5°	3139	283
15°	1846	502
25°	611	290
35°	167	110
45°	41	34
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3310.4
1°	3308.1
2°	3288.1
3°	3250.5
4°	3203.5
5°	3138.9
6°	3056.6
7°	2964.9
8°	2862.7
9°	2740.5
10°	2610.0
11°	2469.0
12°	2319.8
13°	2163.5
14°	2004.8
15°	1846.2
17.5°	1456.0
20°	1114.1
22.5°	826.1
25°	611.1
27.5°	444.2
30°	324.3
32.5°	233.9
35°	166.9
37.5°	116.3
40°	82.3
42.5°	57.6
45°	41.1
47.5°	28.2
50°	20.0
52.5°	14.1
55°	11.8
57.5°	10.6
60°	9.4
62.5°	8.2
65°	8.2
67.5°	7.1
70°	5.9
72.5°	4.7
75°	3.5
77.5°	3.5
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)