

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: P1265410

Luminaire Tested: P3A17R309730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265410
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: P3A17R309730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

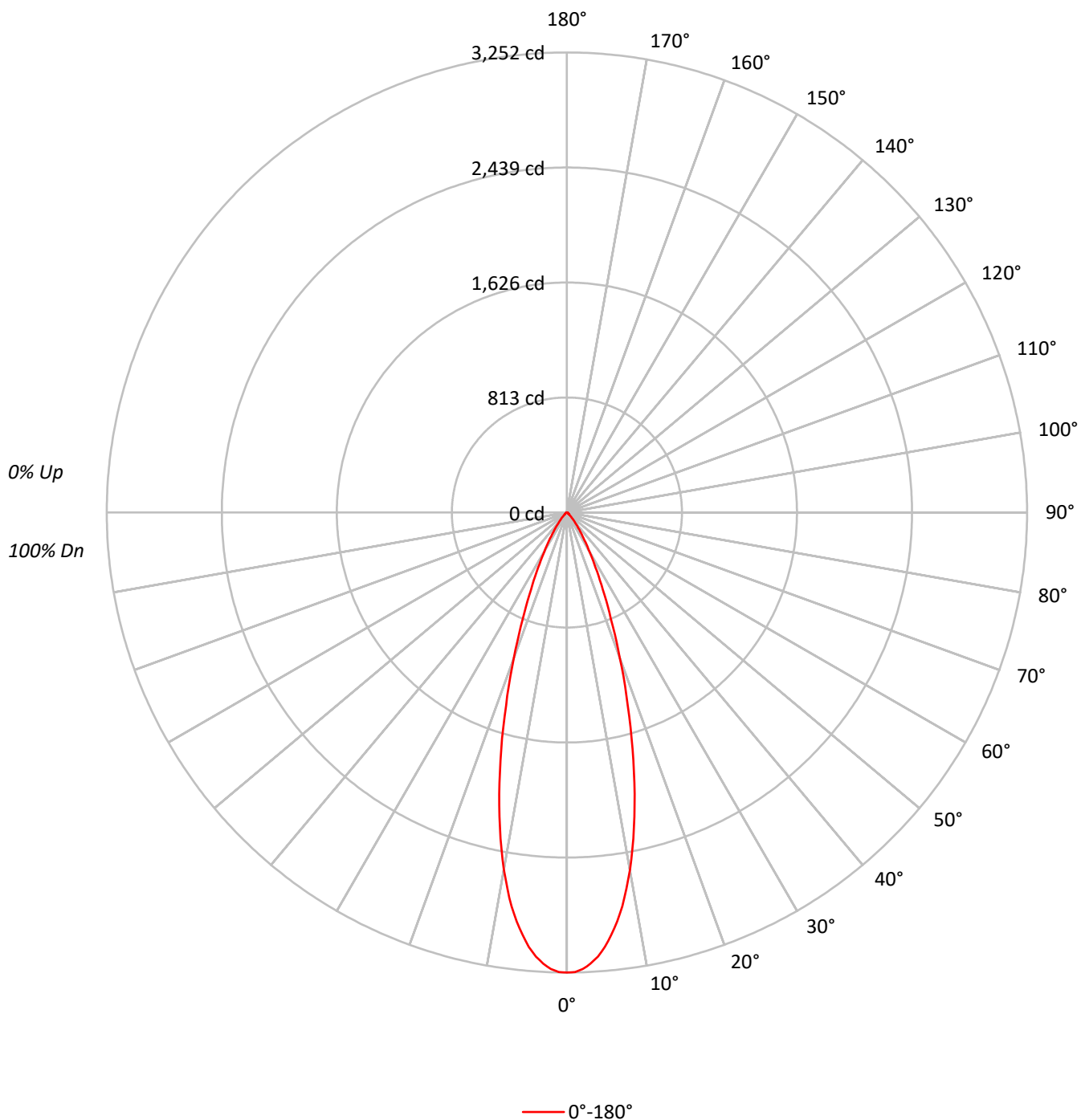
Lumens per Lamp: N/A
Luminaire Lumens: 1222.0 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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		79
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°	713079
5°	678691
10°	570887
15°	411694
20°	255382
25°	145242
30°	80671
35°	43875
40°	23129
45°	12528
50°	6686
55°	4396
60°	4035
65°	4203
70°	3719
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.6	22.7
10°-20°	493.5	40.4
20°-30°	285.2	23.3
30°-40°	108.2	8.9
40°-50°	33.2	2.7
50°-60°	11.2	0.9
60°-70°	7.6	0.6
70°-80°	4.1	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°	1056.4	86.4
0°-40°	1164.7	95.3
0°-60°	1209.1	98.9
0°-90°	1222.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1222.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3252	
5°	3083	278
15°	1814	494
25°	600	285
35°	164	108
45°	40	33
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3251.9
1°	3249.6
2°	3229.9
3°	3193.0
4°	3146.8
5°	3083.3
6°	3002.5
7°	2912.5
8°	2812.1
9°	2692.0
10°	2563.9
11°	2425.3
12°	2278.7
13°	2125.2
14°	1969.4
15°	1813.5
17.5°	1430.3
20°	1094.4
22.5°	811.5
25°	600.3
27.5°	436.4
30°	318.6
32.5°	229.7
35°	163.9
37.5°	114.3
40°	80.8
42.5°	56.6
45°	40.4
47.5°	27.7
50°	19.6
52.5°	13.9
55°	11.5
57.5°	10.4
60°	9.2
62.5°	8.1
65°	8.1
67.5°	6.9
70°	5.8
72.5°	4.6
75°	3.5
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)