

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: P1265378

Luminaire Tested: P3A17R259730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265378
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: P3A17R259730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

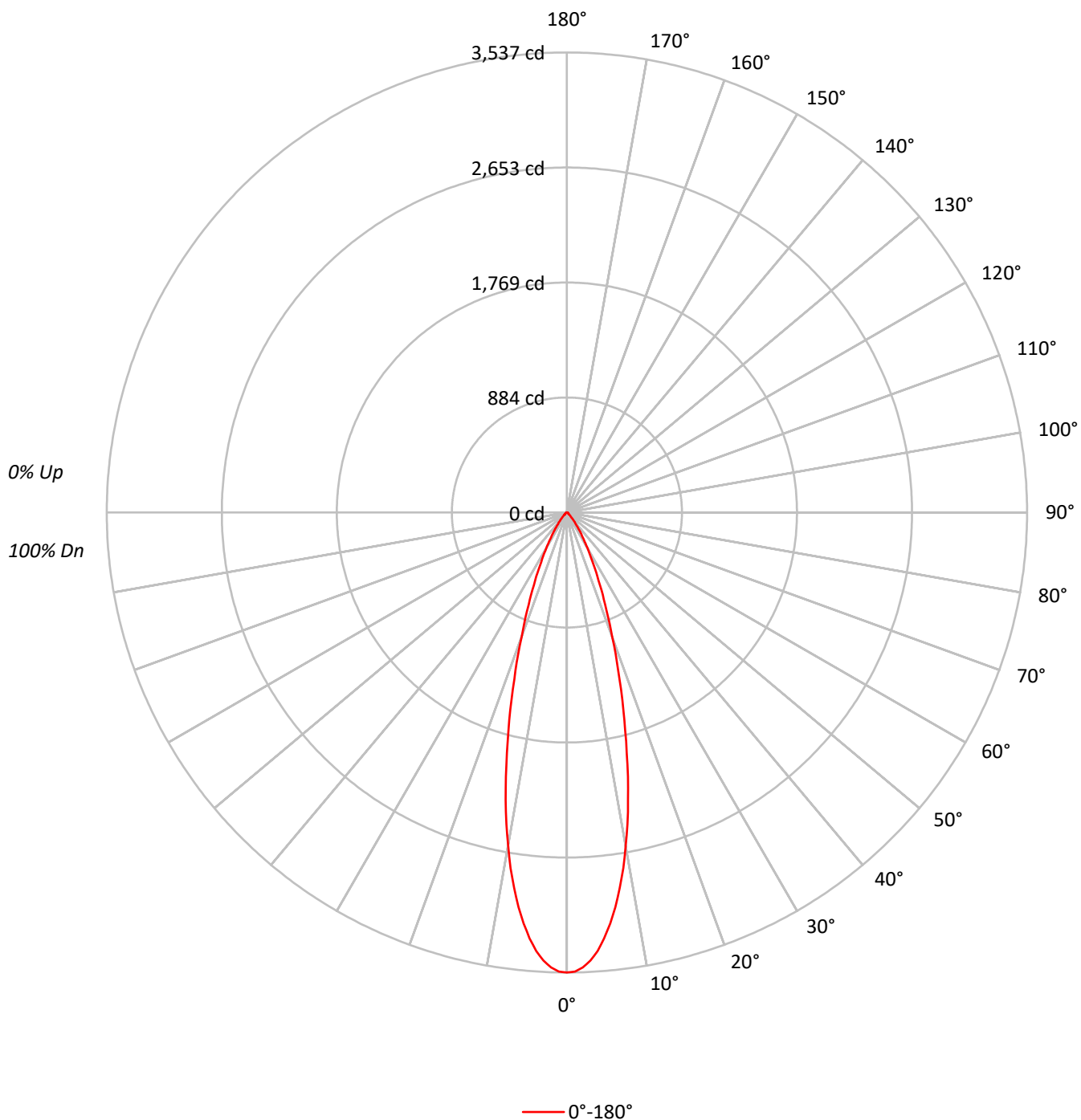
Lumens per Lamp: N/A
Luminaire Lumens: 1209.0 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	775530
5°	723551
10°	579615
15°	393442
20°	238067
25°	139218
30°	79278
35°	43607
40°	23158
45°	12187
50°	7096
55°	5314
60°	4561
65°	4774
70°	4424
75°	3897
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12187 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.7	24.1
10°-20°	476.5	39.4
20°-30°	272.3	22.5
30°-40°	107.4	8.9
40°-50°	32.9	2.7
50°-60°	13.0	1.1
60°-70°	8.7	0.7
70°-80°	4.9	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°	1040.4	86.1
0°-40°	1147.9	94.9
0°-60°	1193.8	98.7
0°-90°	1209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1209.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3537	
5°	3287	292
15°	1733	476
25°	575	272
35°	163	107
45°	39	33
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3536.7
1°	3529.8
2°	3500.9
3°	3450.0
4°	3379.6
5°	3287.1
6°	3178.5
7°	3056.0
8°	2913.9
9°	2768.3
10°	2603.1
11°	2440.2
12°	2261.1
13°	2084.3
14°	1903.0
15°	1733.1
17.5°	1343.7
20°	1020.2
22.5°	766.0
25°	575.4
27.5°	426.3
30°	313.1
32.5°	226.5
35°	162.9
37.5°	115.5
40°	80.9
42.5°	55.5
45°	39.3
47.5°	27.7
50°	20.8
52.5°	16.2
55°	13.9
57.5°	12.7
60°	10.4
62.5°	9.2
65°	9.2
67.5°	8.1
70°	6.9
72.5°	5.8
75°	4.6
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)