

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: P1262999

Luminaire Tested: P3A17R259727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262999
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: P3A17R259727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

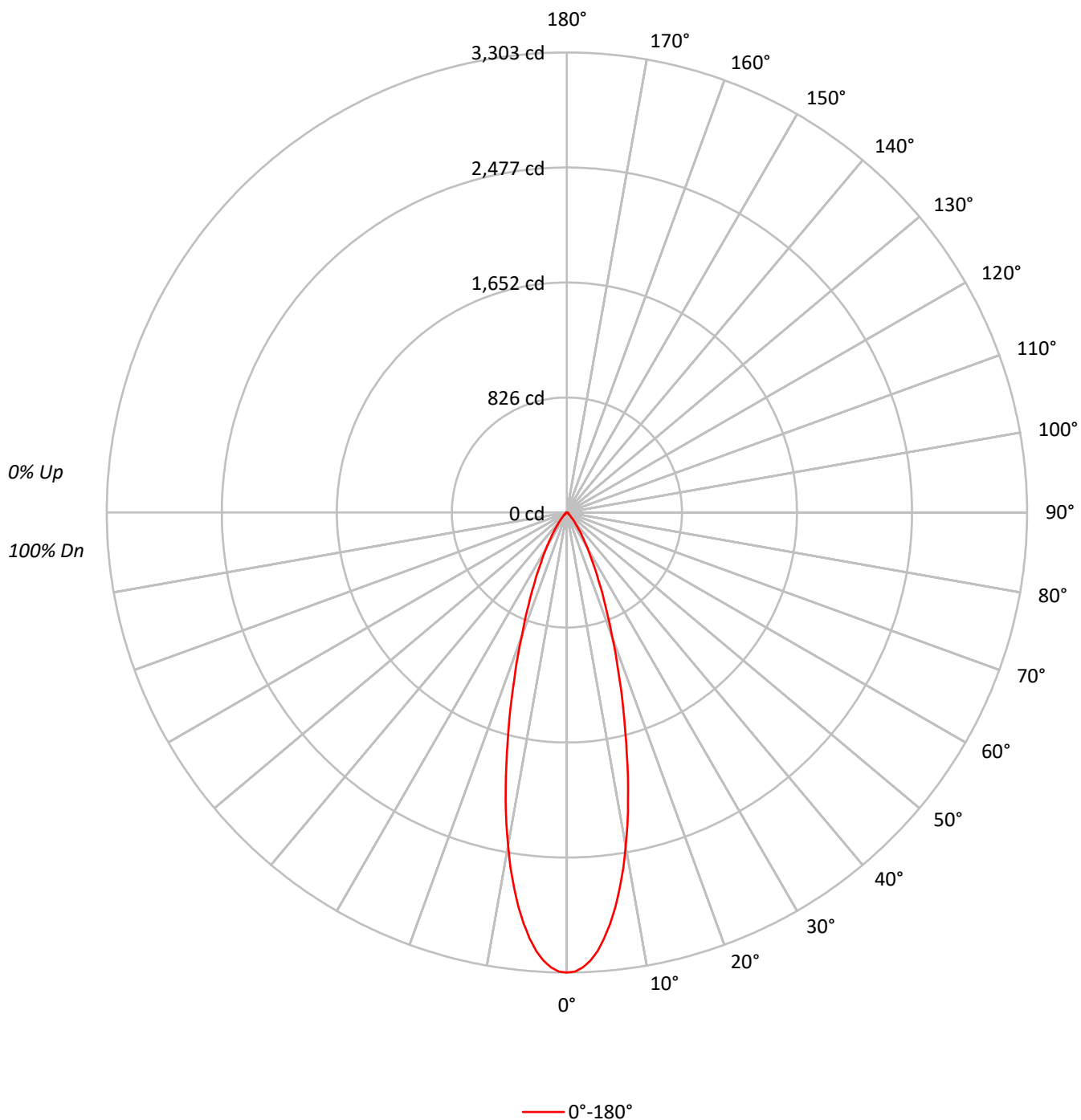
Lumens per Lamp: N/A
Luminaire Lumens: 1129.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	74	73
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	724218
5°	675675
10°	541273
15°	367403
20°	222316
25°	129999
30°	74037
35°	40716
40°	21612
45°	11381
50°	6618
55°	4932
60°	4254
65°	4462
70°	4167
75°	3643
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11381 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.4	24.1
10°-20°	444.9	39.4
20°-30°	254.2	22.5
30°-40°	100.3	8.9
40°-50°	30.8	2.7
50°-60°	12.1	1.1
60°-70°	8.1	0.7
70°-80°	4.5	0.4
80°-90°	1.5	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°	971.6	86.1
0°-40°	1071.9	94.9
0°-60°	1114.8	98.7
0°-90°	1129.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1129.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3303	
5°	3070	272
15°	1618	445
25°	537	254
35°	152	100
45°	37	31
55°	13	12
65°	9	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3302.7
1°	3296.2
2°	3269.2
3°	3221.7
4°	3155.9
5°	3069.6
6°	2968.2
7°	2853.8
8°	2721.1
9°	2585.2
10°	2430.9
11°	2278.7
12°	2111.5
13°	1946.4
14°	1777.0
15°	1618.4
17.5°	1254.8
20°	952.7
22.5°	715.3
25°	537.3
27.5°	398.1
30°	292.4
32.5°	211.5
35°	152.1
37.5°	107.9
40°	75.5
42.5°	51.8
45°	36.7
47.5°	25.9
50°	19.4
52.5°	15.1
55°	12.9
57.5°	11.9
60°	9.7
62.5°	8.6
65°	8.6
67.5°	7.6
70°	6.5
72.5°	5.4
75°	4.3
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)