

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: P1246859

Luminaire Tested: P3A13R259024DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246859
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: P3A13R259024DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

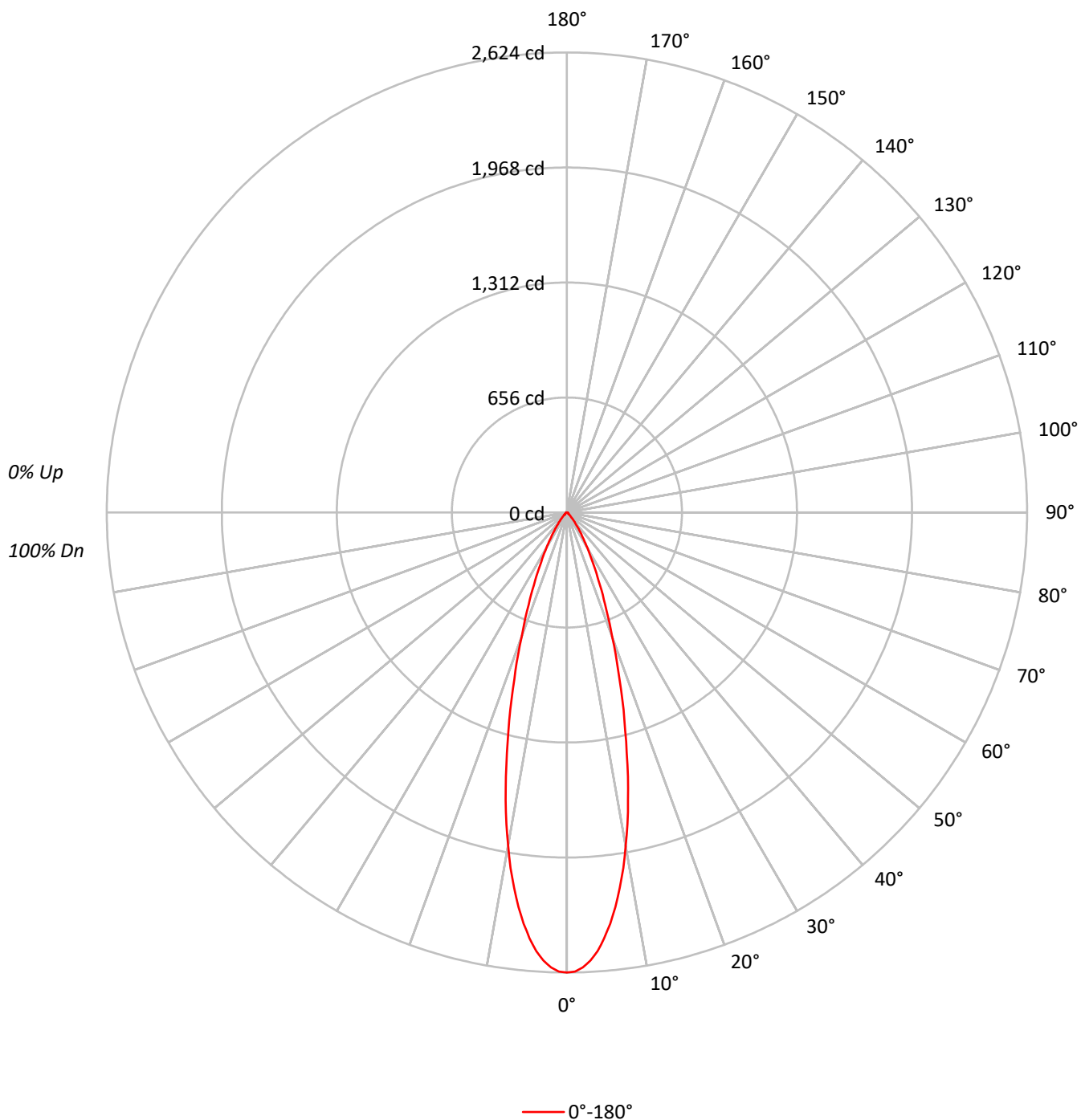
Lumens per Lamp: N/A
Luminaire Lumens: 897.0 lumens
Efficiency: N/A
Efficacy: 61.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	575392
5°	536824
10°	430052
15°	291920
20°	176625
25°	103288
30°	58819
35°	32364
40°	17175
45°	9024
50°	5254
55°	3938
60°	3377
65°	3580
70°	3270
75°	2881
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9024 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.4	24.1
10°-20°	353.5	39.4
20°-30°	202.0	22.5
30°-40°	79.7	8.9
40°-50°	24.4	2.7
50°-60°	9.6	1.1
60°-70°	6.5	0.7
70°-80°	3.6	0.4
80°-90°	1.2	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°	771.9	86.1
0°-40°	851.6	94.9
0°-60°	885.7	98.7
0°-90°	897.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	897.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2624	
5°	2439	216
15°	1286	354
25°	427	202
35°	121	80
45°	29	24
55°	10	10
65°	7	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2624.0
1°	2618.9
2°	2597.4
3°	2559.7
4°	2507.4
5°	2438.8
6°	2358.3
7°	2267.4
8°	2161.9
9°	2053.9
10°	1931.4
11°	1810.5
12°	1677.6
13°	1546.5
14°	1411.9
15°	1285.9
17.5°	997.0
20°	756.9
22.5°	568.3
25°	426.9
27.5°	316.3
30°	232.3
32.5°	168.0
35°	120.9
37.5°	85.7
40°	60.0
42.5°	41.1
45°	29.1
47.5°	20.6
50°	15.4
52.5°	12.0
55°	10.3
57.5°	9.4
60°	7.7
62.5°	6.9
65°	6.9
67.5°	6.0
70°	5.1
72.5°	4.3
75°	3.4
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)