

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: P1269821

Luminaire Tested: P3A13R309740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269821
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: P3A13R309740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

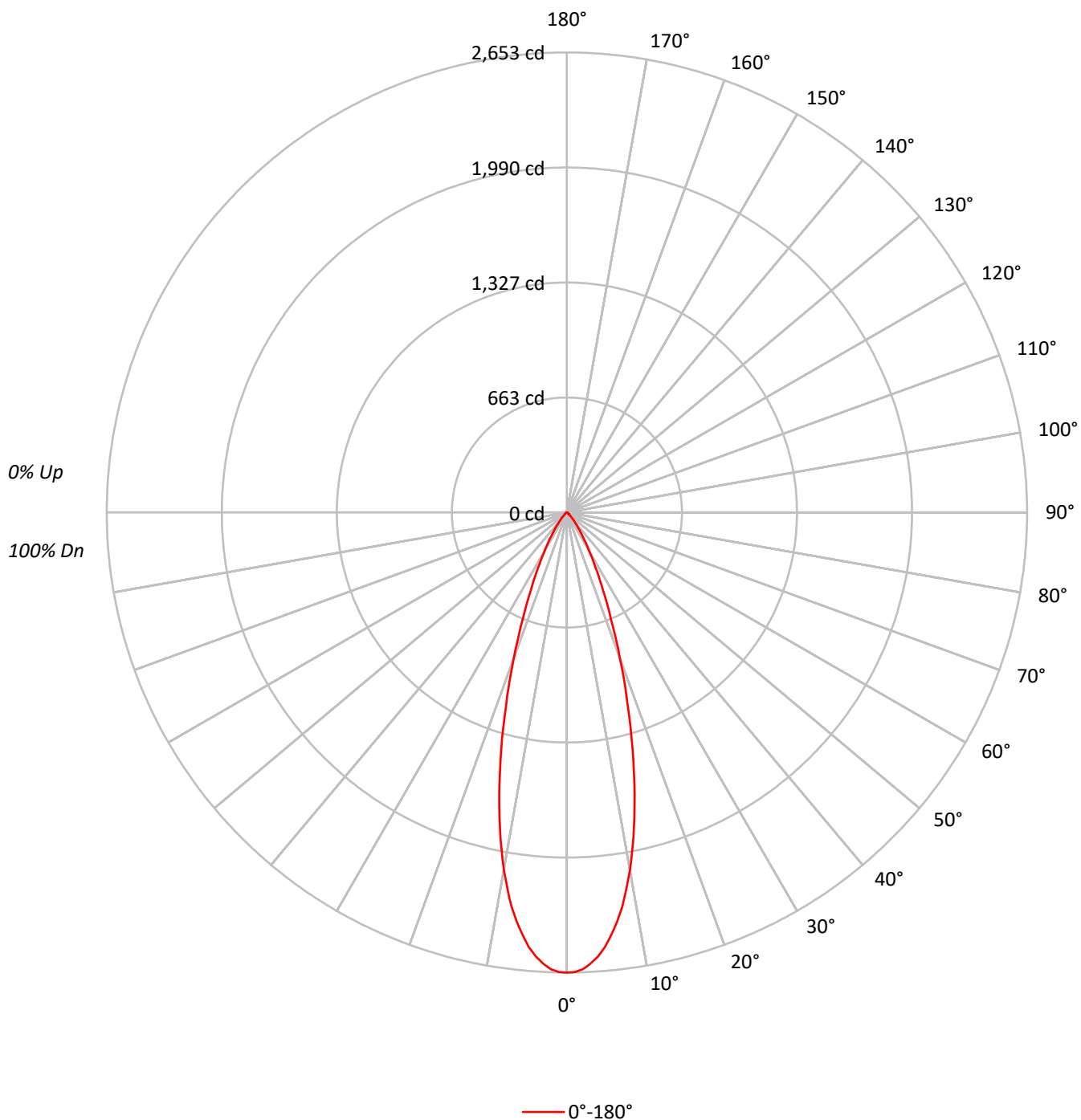
Lumens per Lamp: N/A
Luminaire Lumens: 997.0 lumens
Efficiency: N/A
Efficacy: 68.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	581774
5°	553730
10°	465767
15°	335893
20°	208361
25°	118507
30°	65808
35°	35790
40°	18864
45°	10234
50°	5458
55°	3594
60°	3289
65°	3424
70°	3013
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10234 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.5	22.7
10°-20°	402.7	40.4
20°-30°	232.7	23.3
30°-40°	88.3	8.9
40°-50°	27.1	2.7
50°-60°	9.1	0.9
60°-70°	6.2	0.6
70°-80°	3.3	0.3
80°-90°	1.0	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°	861.9	86.5
0°-40°	950.2	95.3
0°-60°	986.4	98.9
0°-90°	997.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	997.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2653	
5°	2516	227
15°	1480	403
25°	490	233
35°	134	88
45°	33	27
55°	9	9
65°	7	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2653.1
1°	2651.2
2°	2635.2
3°	2605.1
4°	2567.4
5°	2515.6
6°	2449.7
7°	2376.2
8°	2294.3
9°	2196.3
10°	2091.8
11°	1978.8
12°	1859.2
13°	1733.9
14°	1606.8
15°	1479.6
17.5°	1166.9
20°	892.9
22.5°	662.1
25°	489.8
27.5°	356.0
30°	259.9
32.5°	187.4
35°	133.7
37.5°	93.2
40°	65.9
42.5°	46.1
45°	33.0
47.5°	22.6
50°	16.0
52.5°	11.3
55°	9.4
57.5°	8.5
60°	7.5
62.5°	6.6
65°	6.6
67.5°	5.7
70°	4.7
72.5°	3.8
75°	2.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)