

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: P1262684

Luminaire Tested: P3A13R309727DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262684
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: P3A13R309727DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

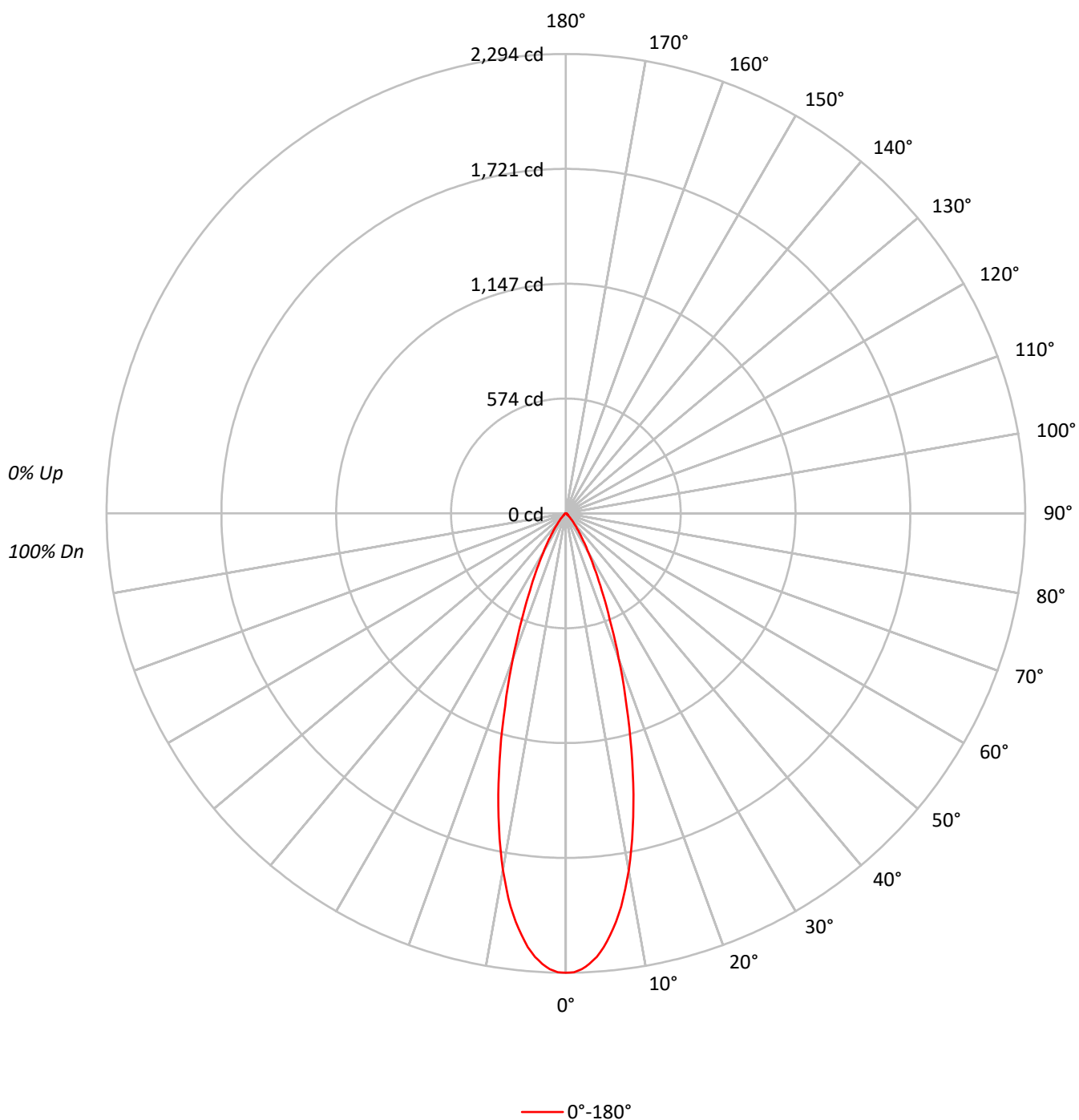
Lumens per Lamp: N/A
Luminaire Lumens: 861.9 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	503008
5°	478757
10°	402709
15°	290422
20°	180149
25°	102441
30°	56895
35°	30945
40°	16316
45°	8838
50°	4708
55°	3097
60°	2851
65°	2958
70°	2629
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8838 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.8	22.7
10°-20°	348.1	40.4
20°-30°	201.2	23.3
30°-40°	76.3	8.9
40°-50°	23.4	2.7
50°-60°	7.9	0.9
60°-70°	5.3	0.6
70°-80°	2.9	0.3
80°-90°	0.9	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°	745.2	86.5
0°-40°	821.5	95.3
0°-60°	852.8	98.9
0°-90°	861.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	861.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2294	
5°	2175	196
15°	1279	348
25°	423	201
35°	116	76
45°	28	23
55°	8	8
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2293.9
1°	2292.3
2°	2278.4
3°	2252.4
4°	2219.8
5°	2175.0
6°	2118.0
7°	2054.5
8°	1983.6
9°	1898.9
10°	1808.6
11°	1710.8
12°	1607.4
13°	1499.1
14°	1389.2
15°	1279.3
17.5°	1008.9
20°	772.0
22.5°	572.5
25°	423.4
27.5°	307.8
30°	224.7
32.5°	162.0
35°	115.6
37.5°	80.6
40°	57.0
42.5°	39.9
45°	28.5
47.5°	19.5
50°	13.8
52.5°	9.8
55°	8.1
57.5°	7.3
60°	6.5
62.5°	5.7
65°	5.7
67.5°	4.9
70°	4.1
72.5°	3.3
75°	2.4
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)