

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: P1264652

Luminaire Tested: P3A09R309730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264652
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: P3A09R309730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

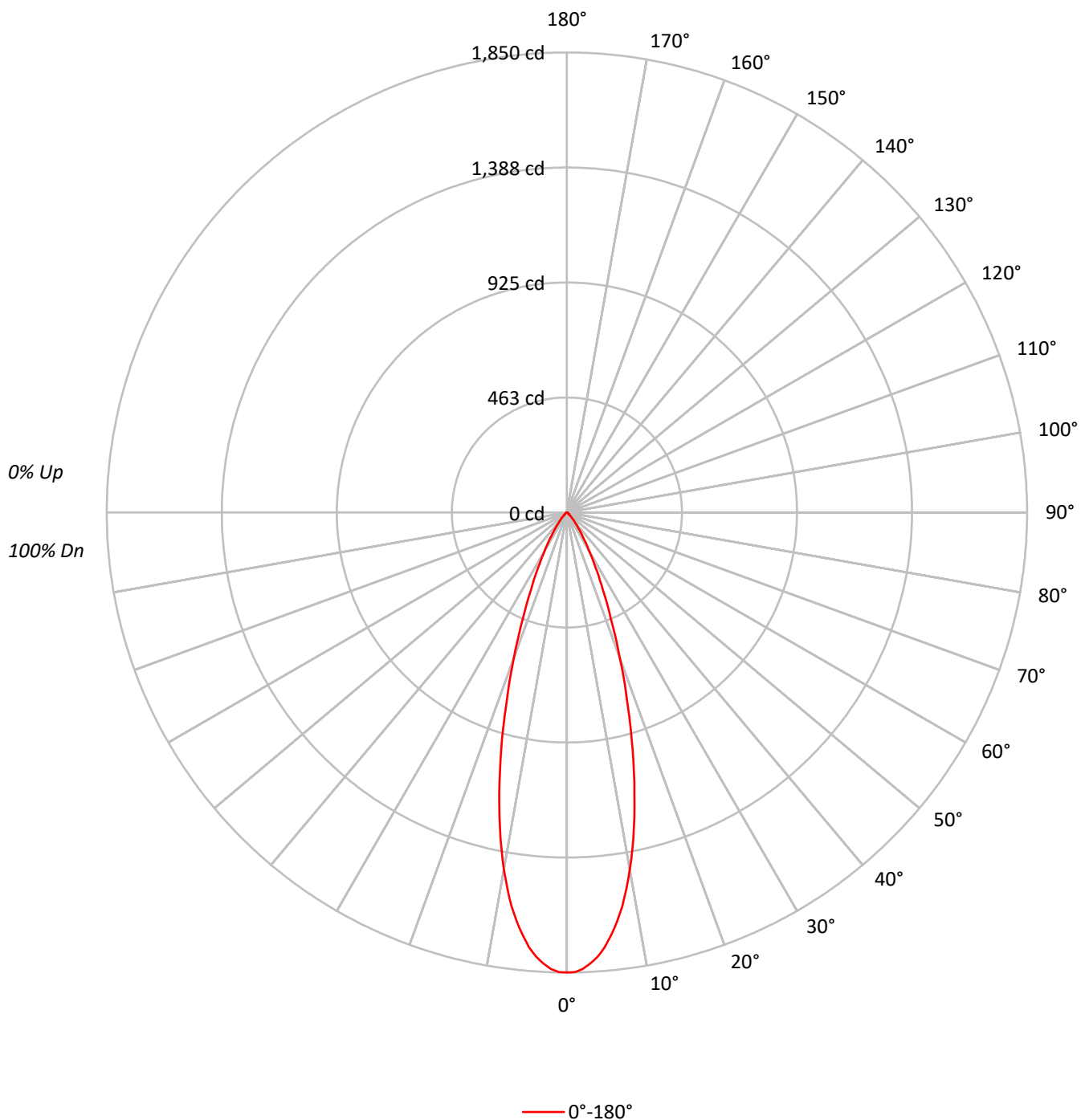
Lumens per Lamp: N/A
Luminaire Lumens: 695.1 lumens
Efficiency: N/A
Efficacy: 62.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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		78
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°	405560
5°	385999
10°	324688
15°	234144
20°	145239
25°	82602
30°	45880
35°	24949
40°	13168
45°	7133
50°	3821
55°	2523
60°	2324
65°	2387
70°	2116
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7133 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.9	22.7
10°-20°	280.7	40.4
20°-30°	162.2	23.3
30°-40°	61.6	8.9
40°-50°	18.9	2.7
50°-60°	6.4	0.9
60°-70°	4.3	0.6
70°-80°	2.3	0.3
80°-90°	0.7	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°	600.8	86.4
0°-40°	662.4	95.3
0°-60°	687.7	98.9
0°-90°	695.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1850	
5°	1754	158
15°	1031	281
25°	341	162
35°	93	62
45°	23	19
55°	7	6
65°	5	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1849.5
1°	1848.2
2°	1837.0
3°	1816.0
4°	1789.7
5°	1753.6
6°	1707.7
7°	1656.5
8°	1599.3
9°	1531.1
10°	1458.2
11°	1379.4
12°	1296.0
13°	1208.7
14°	1120.1
15°	1031.4
17.5°	813.5
20°	622.4
22.5°	461.5
25°	341.4
27.5°	248.2
30°	181.2
32.5°	130.7
35°	93.2
37.5°	65.0
40°	46.0
42.5°	32.2
45°	23.0
47.5°	15.8
50°	11.2
52.5°	7.9
55°	6.6
57.5°	5.9
60°	5.3
62.5°	4.6
65°	4.6
67.5°	3.9
70°	3.3
72.5°	2.6
75°	2.0
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)