

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: P1266999

Luminaire Tested: P3A09R259735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266999
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: P3A09R259735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

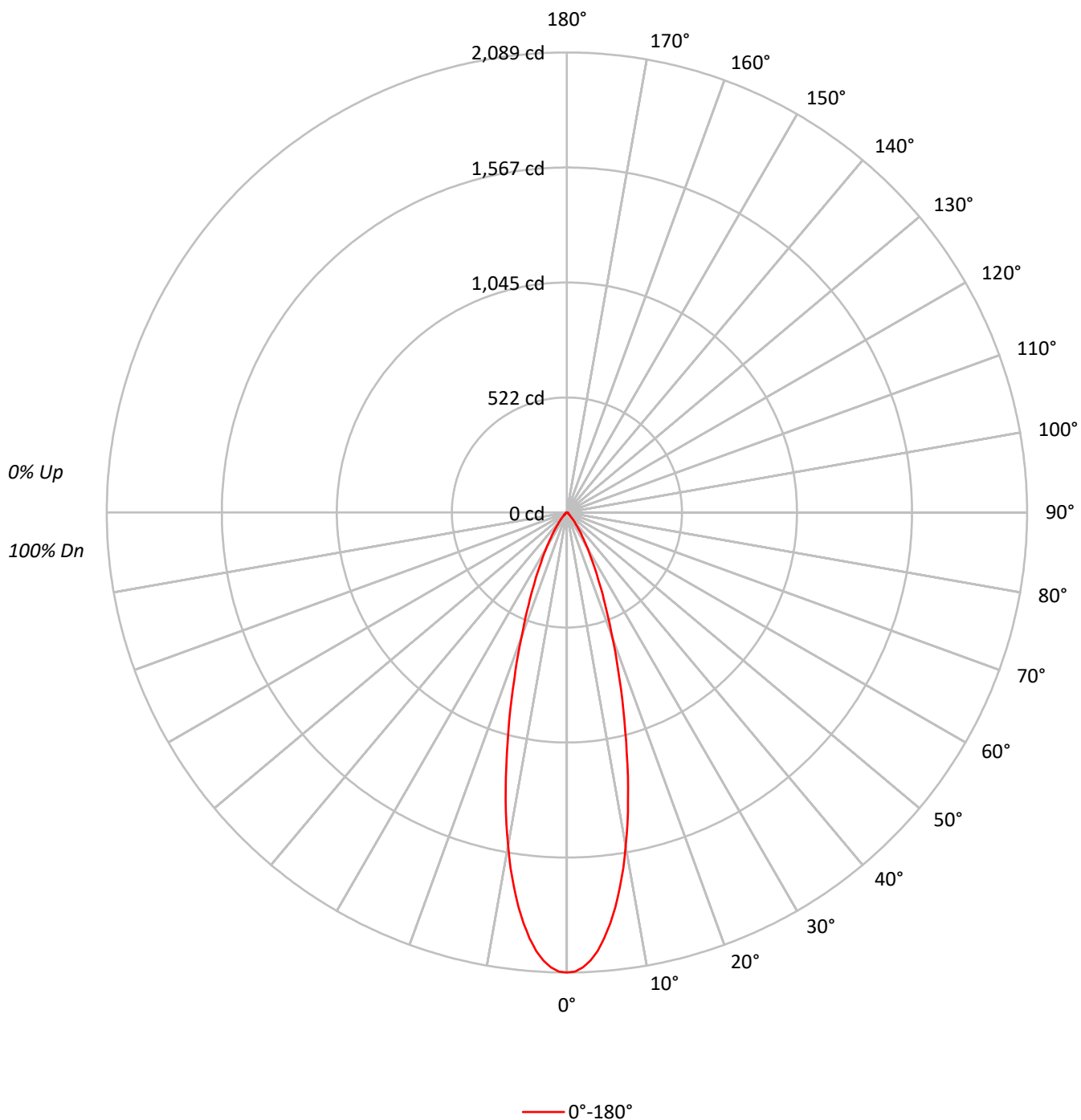
Lumens per Lamp: N/A
Luminaire Lumens: 714.0 lumens
Efficiency: N/A
Efficacy: 64.3 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	458012
5°	427316
10°	342300
15°	232351
20°	140596
25°	82214
30°	46817
35°	25752
40°	13683
45°	7195
50°	4196
55°	3135
60°	2675
65°	2854
70°	2629
75°	2288
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.3	24.1
10°-20°	281.4	39.4
20°-30°	160.8	22.5
30°-40°	63.4	8.9
40°-50°	19.5	2.7
50°-60°	7.7	1.1
60°-70°	5.2	0.7
70°-80°	2.9	0.4
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°	614.5	86.1
0°-40°	677.9	94.9
0°-60°	705.1	98.7
0°-90°	714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2089	
5°	1941	172
15°	1024	281
25°	340	161
35°	96	63
45°	23	19
55°	8	8
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2088.7
1°	2084.6
2°	2067.5
3°	2037.5
4°	1995.9
5°	1941.3
6°	1877.1
7°	1804.8
8°	1720.9
9°	1634.9
10°	1537.3
11°	1441.1
12°	1335.4
13°	1231.0
14°	1123.8
15°	1023.5
17.5°	793.6
20°	602.5
22.5°	452.4
25°	339.8
27.5°	251.8
30°	184.9
32.5°	133.7
35°	96.2
37.5°	68.2
40°	47.8
42.5°	32.8
45°	23.2
47.5°	16.4
50°	12.3
52.5°	9.6
55°	8.2
57.5°	7.5
60°	6.1
62.5°	5.5
65°	5.5
67.5°	4.8
70°	4.1
72.5°	3.4
75°	2.7
77.5°	2.0
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)