

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: P1273676

Luminaire Tested: P3A09R309830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273676
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: P3A09R309830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

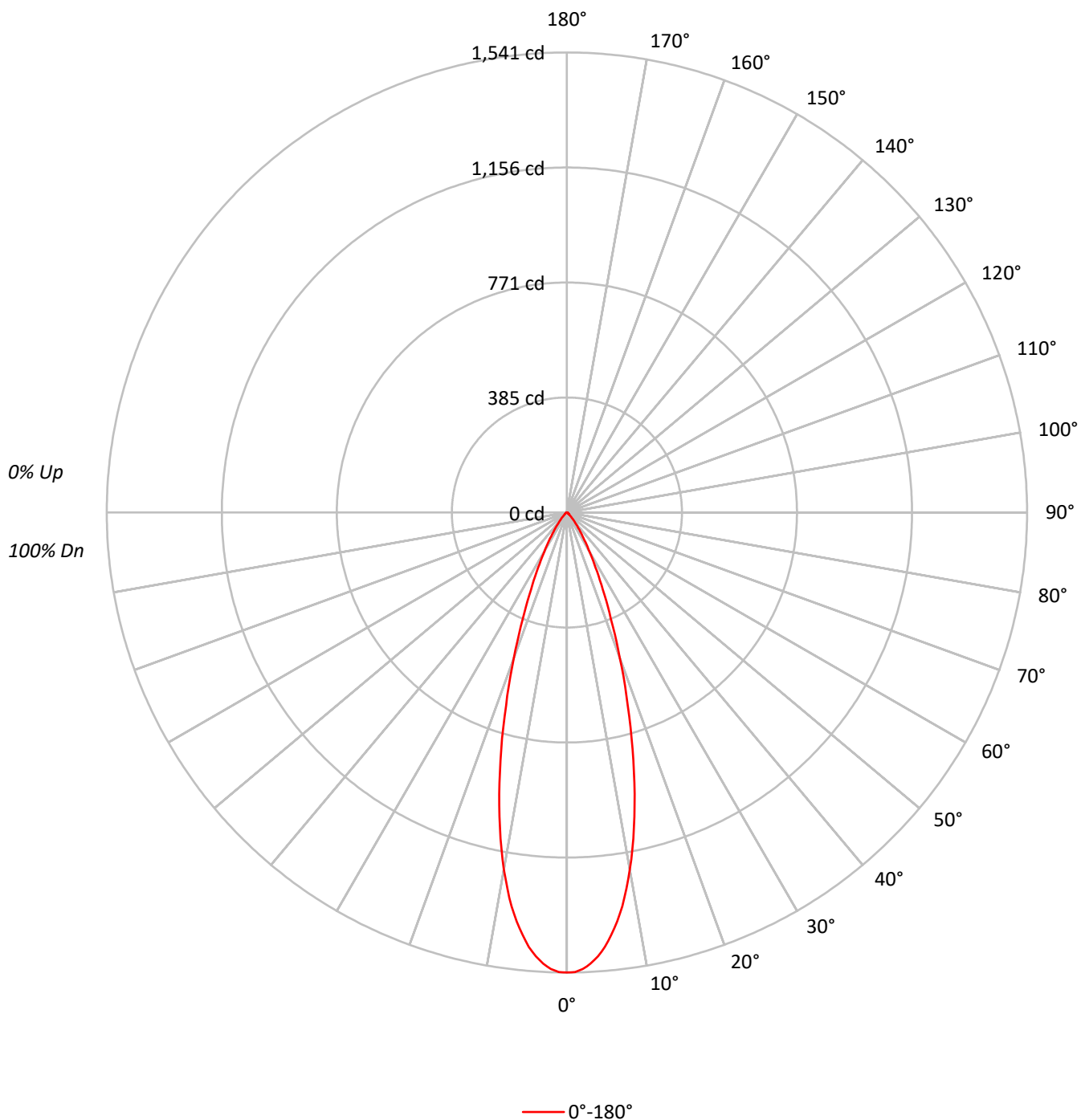
Lumens per Lamp: N/A
Luminaire Lumens: 579.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	337868
5°	321571
10°	270492
15°	195075
20°	120994
25°	68810
30°	38234
35°	20800
40°	10963
45°	5923
50°	3173
55°	2103
60°	1930
65°	1972
70°	1731
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5923 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.5	22.7
10°-20°	233.8	40.4
20°-30°	135.2	23.3
30°-40°	51.3	8.9
40°-50°	15.7	2.7
50°-60°	5.3	0.9
60°-70°	3.6	0.6
70°-80°	1.9	0.3
80°-90°	0.6	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°	500.5	86.5
0°-40°	551.8	95.3
0°-60°	572.9	98.9
0°-90°	579.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	579.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1541	
5°	1461	132
15°	859	234
25°	284	135
35°	78	51
45°	19	16
55°	6	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1540.8
1°	1539.7
2°	1530.4
3°	1512.9
4°	1491.0
5°	1460.9
6°	1422.6
7°	1380.0
8°	1332.4
9°	1275.5
10°	1214.8
11°	1149.2
12°	1079.7
13°	1007.0
14°	933.1
15°	859.3
17.5°	677.7
20°	518.5
22.5°	384.5
25°	284.4
27.5°	206.8
30°	151.0
32.5°	108.8
35°	77.7
37.5°	54.1
40°	38.3
42.5°	26.8
45°	19.1
47.5°	13.1
50°	9.3
52.5°	6.6
55°	5.5
57.5°	4.9
60°	4.4
62.5°	3.8
65°	3.8
67.5°	3.3
70°	2.7
72.5°	2.2
75°	1.6
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)