

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: P1269410

Luminaire Tested: P3A09R309740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269410
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: P3A09R309740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

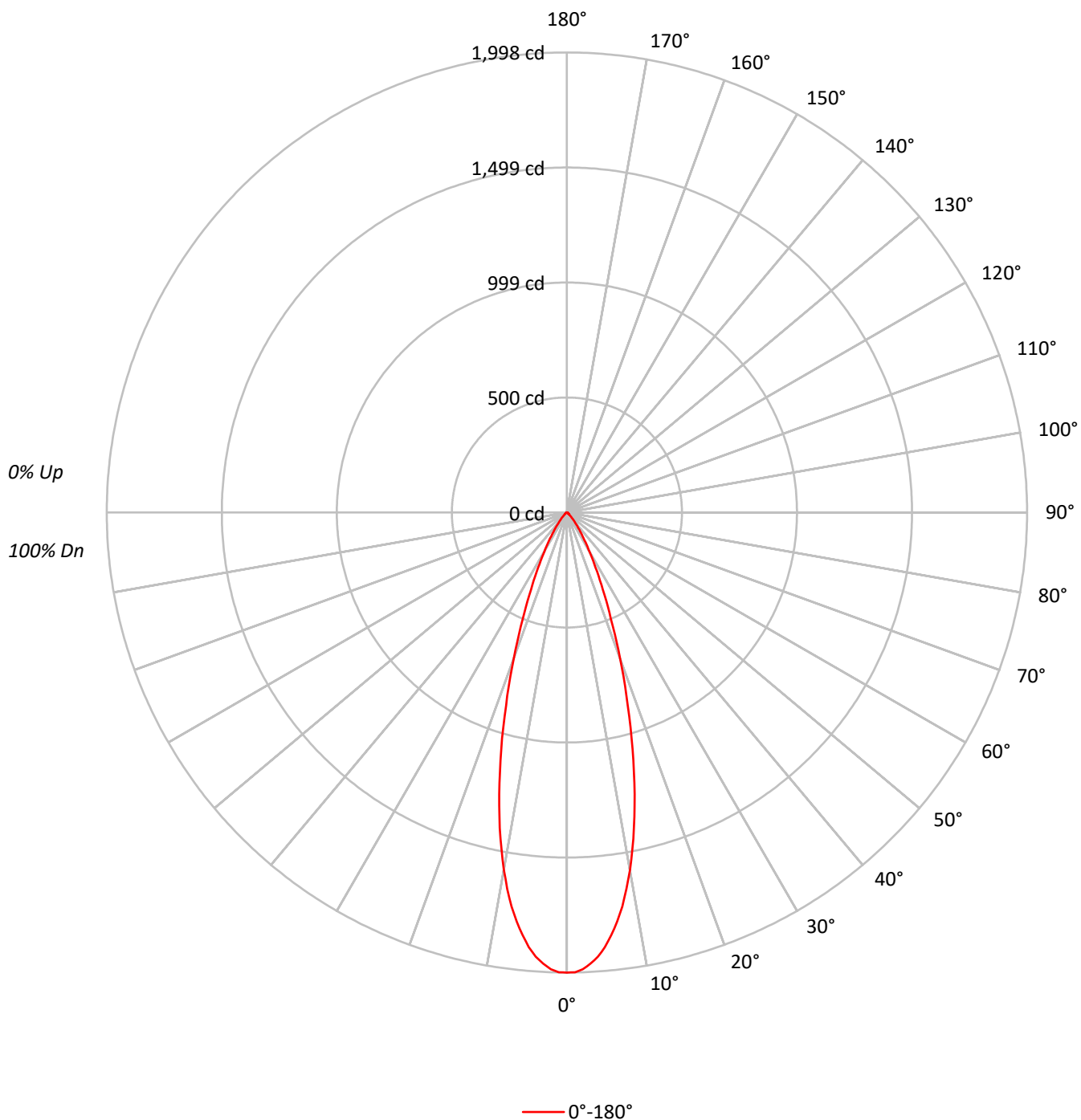
Lumens per Lamp: N/A
Luminaire Lumens: 751.0 lumens
Efficiency: N/A
Efficacy: 67.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		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°	438232
5°	417102
10°	350851
15°	253009
20°	156954
25°	89255
30°	49577
35°	26957
40°	14227
45°	7691
50°	4128
55°	2714
60°	2500
65°	2594
70°	2244
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.6	22.7
10°-20°	303.3	40.4
20°-30°	175.3	23.3
30°-40°	66.5	8.9
40°-50°	20.4	2.7
50°-60°	6.9	0.9
60°-70°	4.7	0.6
70°-80°	2.5	0.3
80°-90°	0.8	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°	649.2	86.4
0°-40°	715.7	95.3
0°-60°	743.1	98.9
0°-90°	751.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	751.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1998	
5°	1895	171
15°	1114	303
25°	369	175
35°	101	67
45°	25	20
55°	7	7
65°	5	5
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1998.5
1°	1997.1
2°	1985.0
3°	1962.3
4°	1933.9
5°	1894.9
6°	1845.3
7°	1789.9
8°	1728.2
9°	1654.4
10°	1575.7
11°	1490.5
12°	1400.4
13°	1306.1
14°	1210.3
15°	1114.5
17.5°	879.0
20°	672.6
22.5°	498.7
25°	368.9
27.5°	268.2
30°	195.8
32.5°	141.2
35°	100.7
37.5°	70.2
40°	49.7
42.5°	34.8
45°	24.8
47.5°	17.0
50°	12.1
52.5°	8.5
55°	7.1
57.5°	6.4
60°	5.7
62.5°	5.0
65°	5.0
67.5°	4.3
70°	3.5
72.5°	2.8
75°	2.1
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)