

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: P1264766

Luminaire Tested: P3A09R509730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264766
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R509730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

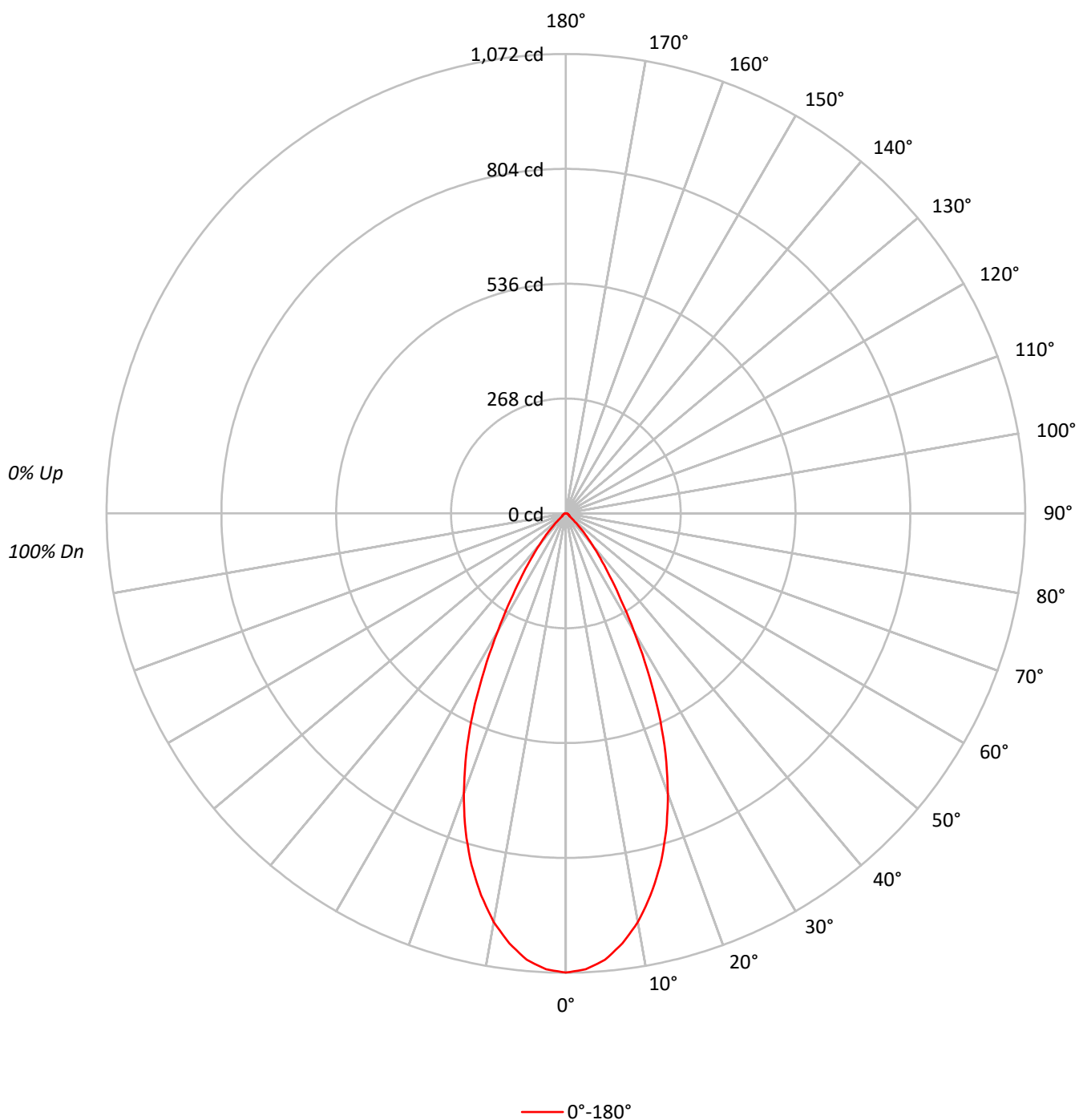
Lumens per Lamp: N/A
Luminaire Lumens: 738.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82		
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76		
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72		
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67		
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64		
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60		
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57		
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	234959
5°	230222
10°	215650
15°	193054
20°	162461
25°	123999
30°	80569
35°	47783
40°	27623
45°	13831
50°	5151
55°	4014
60°	3728
65°	3424
70°	3334
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13831 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.3	13.2
10°-20°	235.2	31.9
20°-30°	230.7	31.3
30°-40°	116.2	15.8
40°-50°	36.7	5.0
50°-60°	9.5	1.3
60°-70°	6.7	0.9
70°-80°	4.1	0.6
80°-90°	1.4	0.2
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°	563.2	76.3
0°-40°	679.4	92.1
0°-60°	725.7	98.3
0°-90°	738.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	738.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1072	
5°	1046	97
15°	850	235
25°	512	231
35°	178	116
45°	45	37
55°	10	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1071.5
2.5°	1065.0
5°	1045.9
7.5°	1011.8
10°	968.5
12.5°	912.7
15°	850.4
17.5°	778.2
20°	696.2
22.5°	607.6
25°	512.5
27.5°	411.4
30°	318.2
32.5°	239.5
35°	178.5
37.5°	131.9
40°	96.5
42.5°	68.2
45°	44.6
47.5°	25.6
50°	15.1
52.5°	11.2
55°	10.5
57.5°	9.2
60°	8.5
62.5°	7.9
65°	6.6
67.5°	5.9
70°	5.2
72.5°	4.6
75°	3.9
77.5°	3.3
80°	2.6
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)