

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: P1269584

Luminaire Tested: P3A09R609740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269584
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

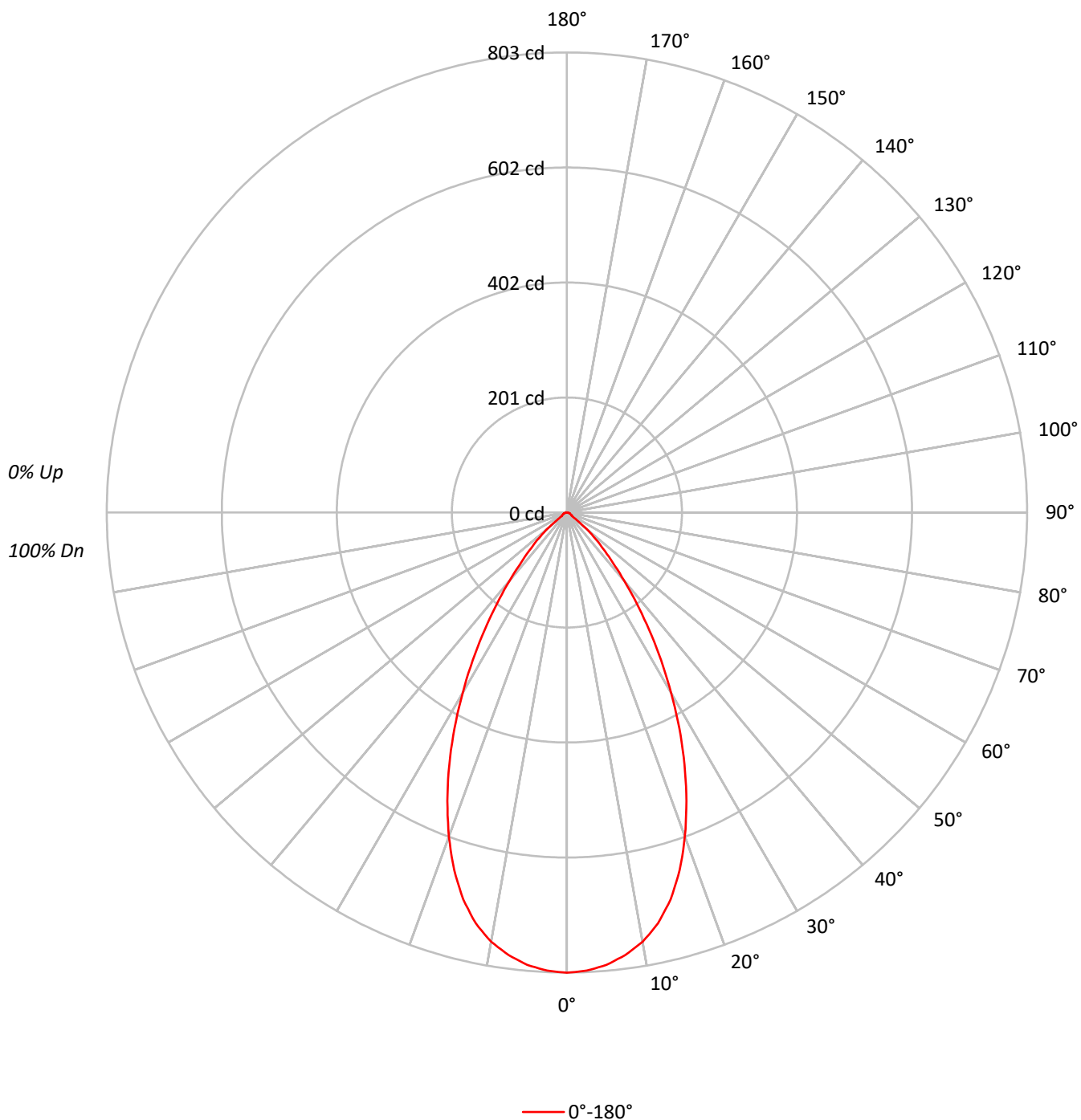
Lumens per Lamp: N/A
Luminaire Lumens: 746.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	176148
5°	174488
10°	169402
15°	158707
20°	140479
25°	117515
30°	92090
35°	66816
40°	44455
45°	27693
50°	15010
55°	4320
60°	4035
65°	3684
70°	3654
75°	3643
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27693 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.6	10.0
10°-20°	194.0	26.0
20°-30°	221.1	29.6
30°-40°	156.8	21.0
40°-50°	71.1	9.5
50°-60°	15.1	2.0
60°-70°	7.3	1.0
70°-80°	4.5	0.6
80°-90°	1.5	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°	489.7	65.6
0°-40°	646.5	86.7
0°-60°	732.7	98.2
0°-90°	746.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	746.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	803	
5°	793	75
15°	699	194
25°	486	221
35°	250	157
45°	89	71
55°	11	15
65°	7	7
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	803.3
2.5°	800.5
5°	792.7
7.5°	779.2
10°	760.8
12.5°	734.6
15°	699.1
17.5°	654.4
20°	602.0
22.5°	545.2
25°	485.7
27.5°	424.7
30°	363.7
32.5°	305.6
35°	249.6
37.5°	199.9
40°	155.3
42.5°	117.7
45°	89.3
47.5°	66.6
50°	44.0
52.5°	20.6
55°	11.3
57.5°	9.9
60°	9.2
62.5°	8.5
65°	7.1
67.5°	6.4
70°	5.7
72.5°	5.0
75°	4.3
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)