

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: P1273908

Luminaire Tested: P3A09R709830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273908
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R709830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

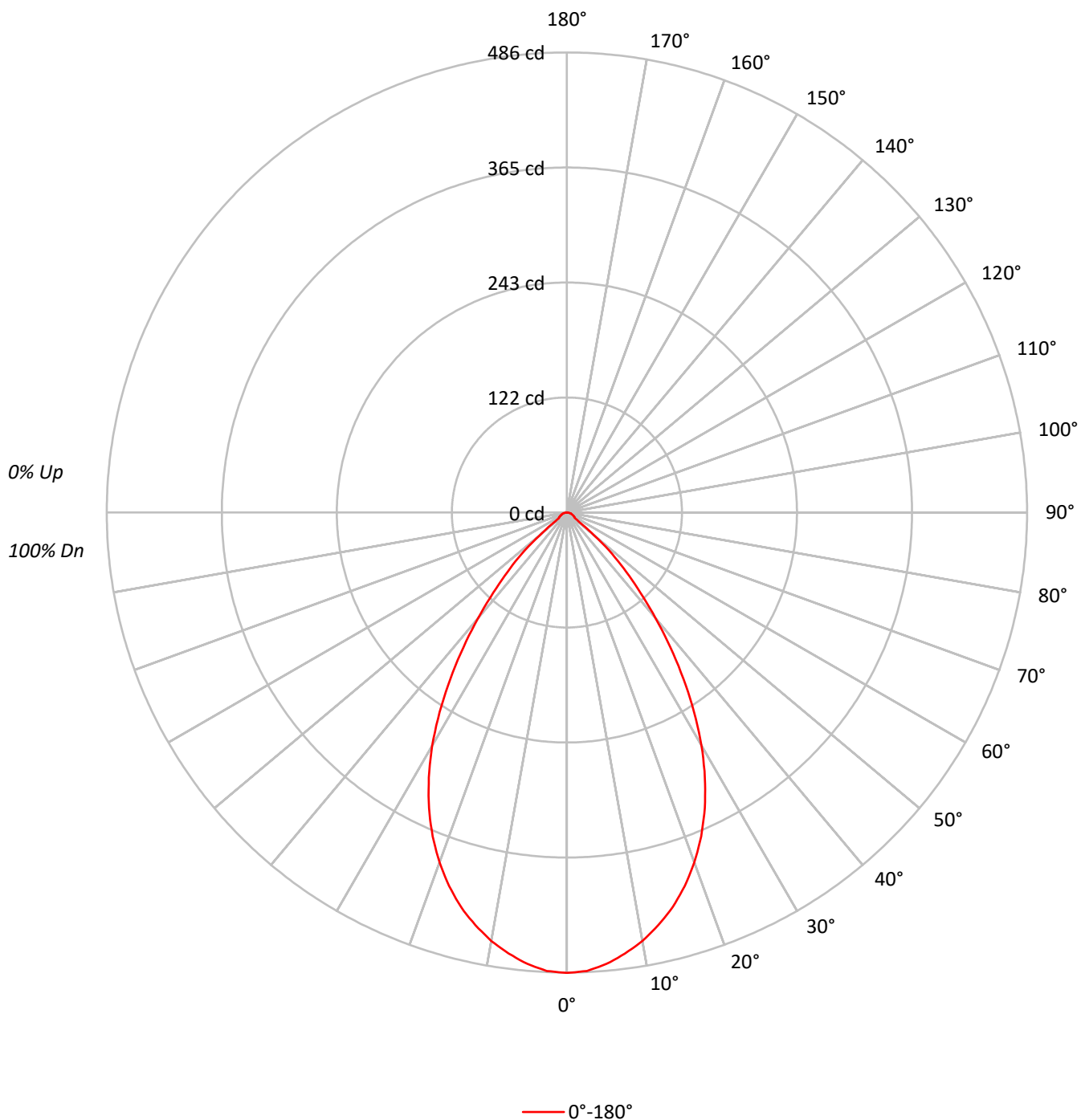
Lumens per Lamp: N/A
Luminaire Lumens: 551.0 lumens
Efficiency: N/A
Efficacy: 50.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106658
5°	105393
10°	102336
15°	98003
20°	91801
25°	83400
30°	72036
35°	57420
40°	41821
45°	27476
50°	12895
55°	3976
60°	3859
65°	3684
70°	3526
75°	3728
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	8.2
10°-20°	120.8	21.9
20°-30°	157.0	28.5
30°-40°	133.3	24.2
40°-50°	68.7	12.5
50°-60°	13.2	2.4
60°-70°	7.2	1.3
70°-80°	4.4	0.8
80°-90°	1.2	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°	322.9	58.6
0°-40°	456.2	82.8
0°-60°	538.1	97.7
0°-90°	551.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	551.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	479	45
15°	432	121
25°	345	157
35°	214	133
45°	89	69
55°	10	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.4
2.5°	484.8
5°	478.8
7.5°	470.0
10°	459.6
12.5°	446.5
15°	431.7
17.5°	413.7
20°	393.4
22.5°	370.4
25°	344.7
27.5°	315.7
30°	284.5
32.5°	250.1
35°	214.5
37.5°	179.5
40°	146.1
42.5°	114.9
45°	88.6
47.5°	65.1
50°	37.8
52.5°	16.4
55°	10.4
57.5°	9.8
60°	8.8
62.5°	8.2
65°	7.1
67.5°	6.6
70°	5.5
72.5°	4.9
75°	4.4
77.5°	3.3
80°	2.7
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)