

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: P1273850

Luminaire Tested: P3A09R609830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273850
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: P3A09R609830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

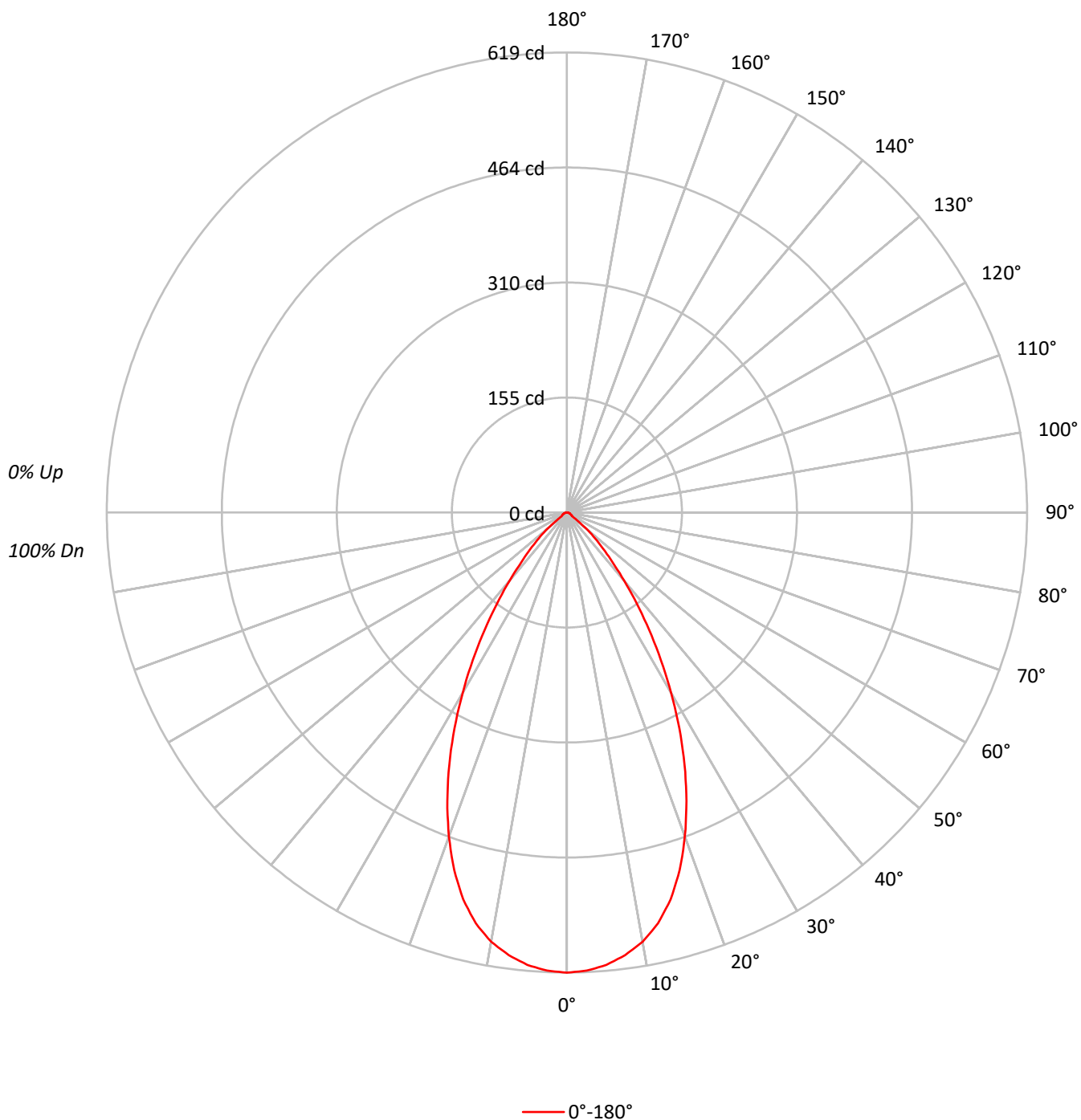
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	135779
5°	134492
10°	130570
15°	122339
20°	108276
25°	90586
30°	70998
35°	51504
40°	34264
45°	21367
50°	11565
55°	3326
60°	3114
65°	2854
70°	2821
75°	2796
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	10.0
10°-20°	149.5	26.0
20°-30°	170.4	29.6
30°-40°	120.8	21.0
40°-50°	54.8	9.5
50°-60°	11.6	2.0
60°-70°	5.6	1.0
70°-80°	3.5	0.6
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°	377.5	65.6
0°-40°	498.3	86.7
0°-60°	564.8	98.2
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	619	
5°	611	58
15°	539	150
25°	374	170
35°	192	121
45°	69	55
55°	9	12
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	619.2
2.5°	617.0
5°	611.0
7.5°	600.6
10°	586.4
12.5°	566.2
15°	538.9
17.5°	504.4
20°	464.0
22.5°	420.3
25°	374.4
27.5°	327.4
30°	280.4
32.5°	235.5
35°	192.4
37.5°	154.1
40°	119.7
42.5°	90.7
45°	68.9
47.5°	51.4
50°	33.9
52.5°	15.8
55°	8.7
57.5°	7.7
60°	7.1
62.5°	6.6
65°	5.5
67.5°	4.9
70°	4.4
72.5°	3.8
75°	3.3
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)