

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: P1266918

Luminaire Tested: P3A09R109735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R109735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

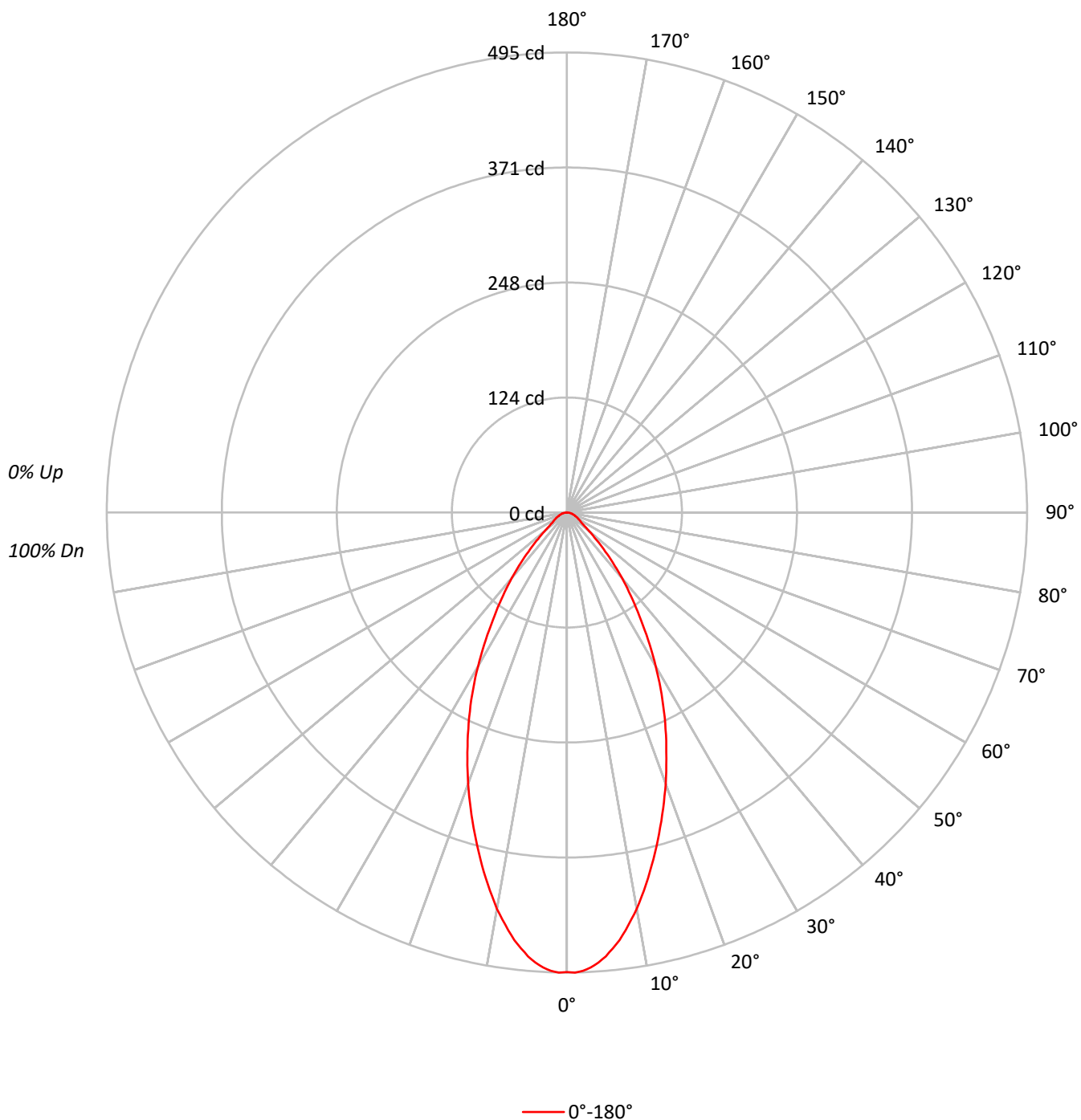
Lumens per Lamp: N/A
Luminaire Lumens: 430.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108456
5°	105525
10°	96436
15°	84473
20°	72456
25°	60487
30°	48413
35°	36299
40°	26364
45°	17242
50°	10780
55°	7302
60°	6447
65°	5915
70°	5578
75°	5083
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.2	10.3
10°-20°	103.7	24.1
20°-30°	114.2	26.6
30°-40°	85.5	19.9
40°-50°	44.3	10.3
50°-60°	18.4	4.3
60°-70°	11.4	2.6
70°-80°	6.4	1.5
80°-90°	1.8	0.4
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°	262.1	61.0
0°-40°	347.7	80.9
0°-60°	410.4	95.4
0°-90°	430.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	430.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	495	
5°	479	44
15°	372	104
25°	250	114
35°	136	86
45°	56	44
55°	19	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	494.6
1°	495.2
2°	493.5
3°	490.3
4°	485.4
5°	479.4
6°	471.7
7°	463.6
8°	453.8
9°	443.4
10°	433.1
12.5°	403.1
15°	372.1
17.5°	341.0
20°	310.5
22.5°	279.5
25°	250.0
27.5°	220.6
30°	191.2
32.5°	162.3
35°	135.6
37.5°	112.8
40°	92.1
42.5°	73.0
45°	55.6
47.5°	41.9
50°	31.6
52.5°	23.4
55°	19.1
57.5°	16.9
60°	14.7
62.5°	13.1
65°	11.4
67.5°	9.8
70°	8.7
72.5°	7.1
75°	6.0
77.5°	4.9
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)