

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: P1248736

Luminaire Tested: P3AS09R109027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248736
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: P3AS09R109027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

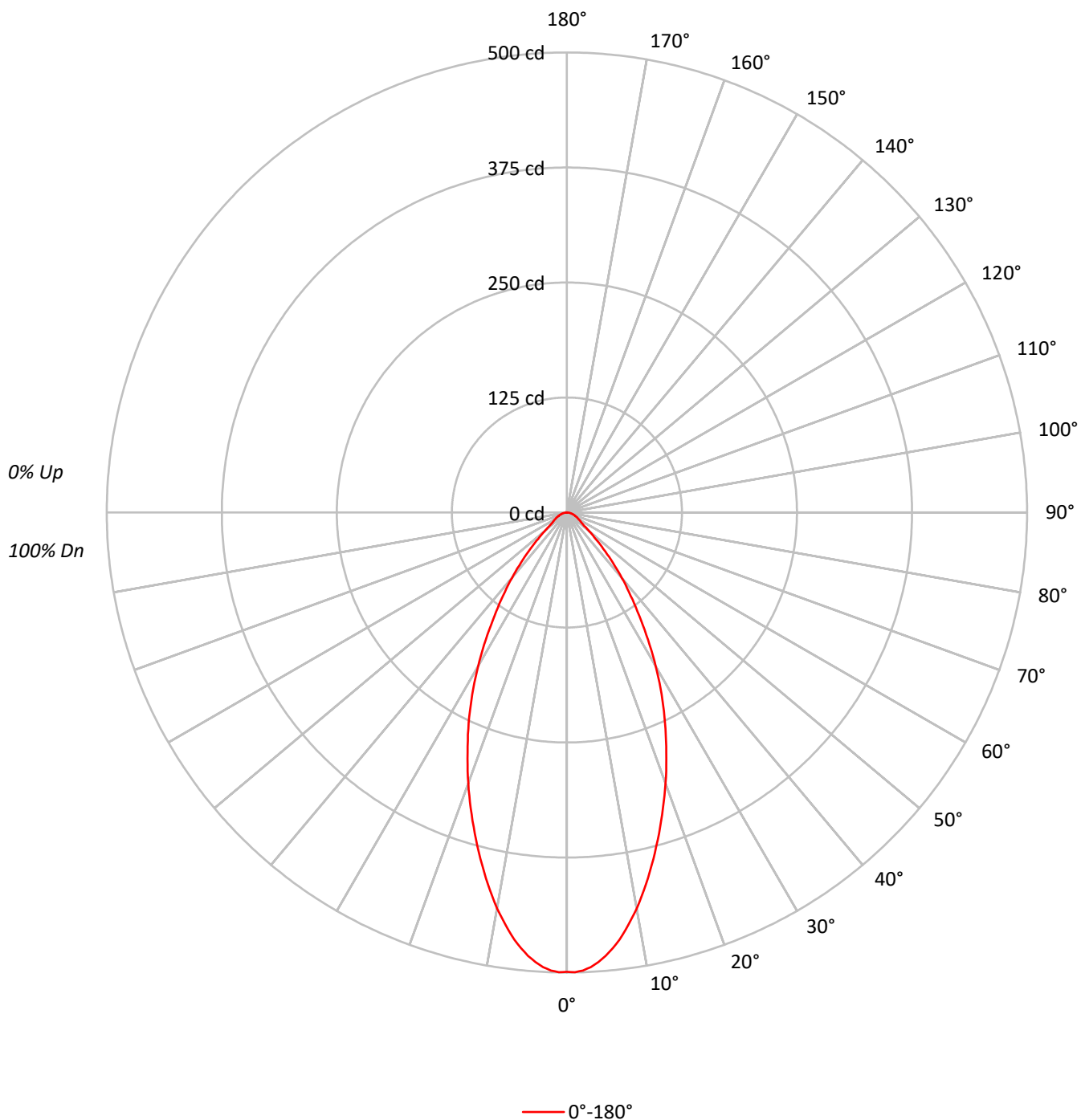
Lumens per Lamp: N/A
Luminaire Lumens: 433.9 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	74		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		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°	109465
5°	106493
10°	97326
15°	85245
20°	73133
25°	61068
30°	48868
35°	36647
40°	26593
45°	17397
50°	10882
55°	7340
60°	6491
65°	5967
70°	5642
75°	5083
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	10.3
10°-20°	104.6	24.1
20°-30°	115.3	26.6
30°-40°	86.3	19.9
40°-50°	44.7	10.3
50°-60°	18.5	4.3
60°-70°	11.5	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°	264.6	61.0
0°-40°	350.9	80.9
0°-60°	414.2	95.5
0°-90°	433.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	433.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	484	45
15°	376	105
25°	252	115
35°	137	86
45°	56	45
55°	19	19
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	499.2
1°	499.8
2°	498.1
3°	494.8
4°	489.9
5°	483.8
6°	476.1
7°	467.9
8°	458.0
9°	447.5
10°	437.1
12.5°	406.9
15°	375.5
17.5°	344.2
20°	313.4
22.5°	282.1
25°	252.4
27.5°	222.7
30°	193.0
32.5°	163.8
35°	136.9
37.5°	113.8
40°	92.9
42.5°	73.7
45°	56.1
47.5°	42.3
50°	31.9
52.5°	23.6
55°	19.2
57.5°	17.0
60°	14.8
62.5°	13.2
65°	11.5
67.5°	9.9
70°	8.8
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)