

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: P1246487

Luminaire Tested: P3A09R309024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246487
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

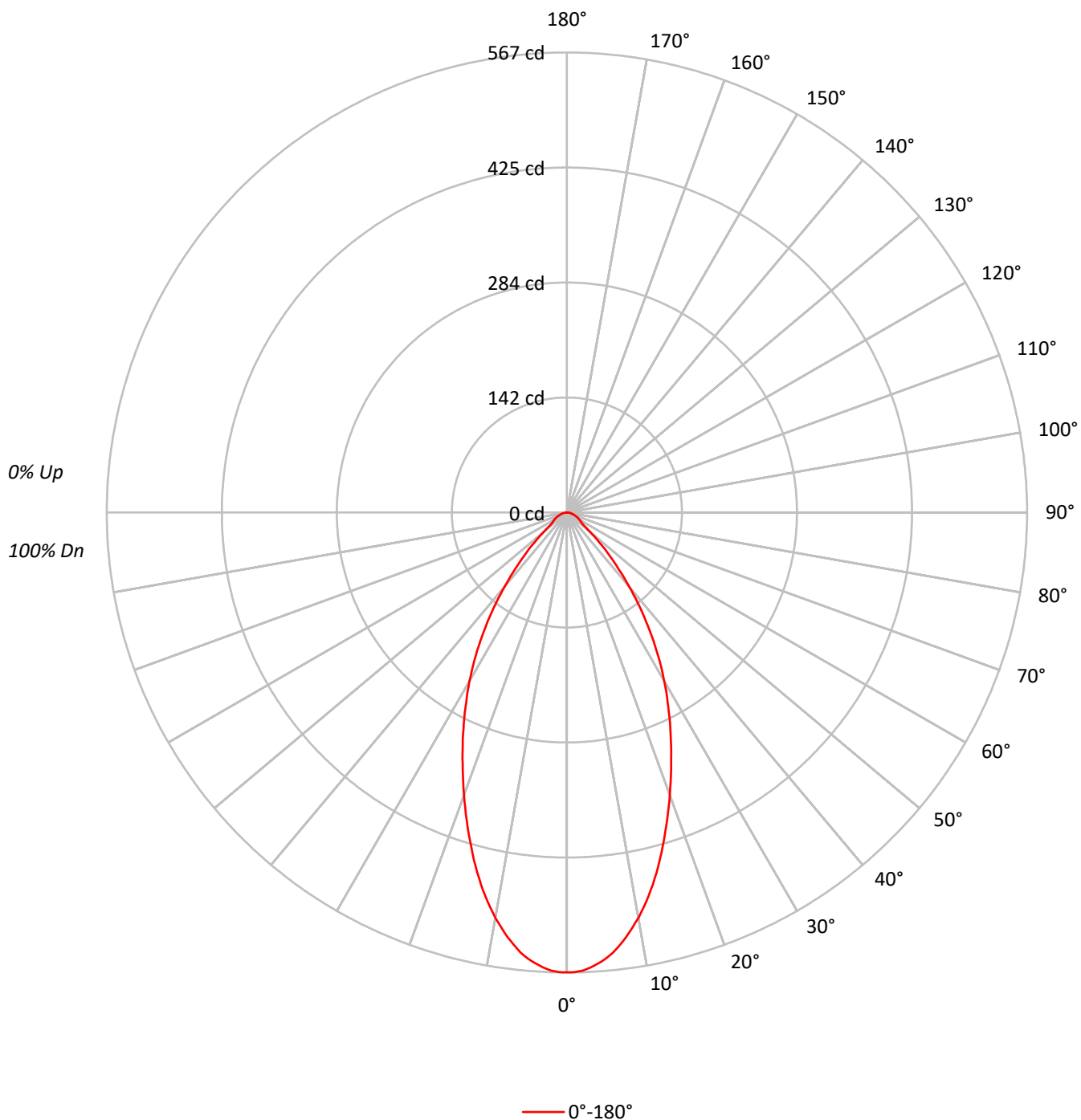
Lumens per Lamp: N/A
Luminaire Lumens: 525.9 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1246487

CATALOG NUMBER: P3A09R309024DE010 E3DLD1MW

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124266
5°	121483
10°	112957
15°	100523
20°	86458
25°	73238
30°	60794
35°	47676
40°	34178
45°	22421
50°	12759
55°	8372
60°	7938
65°	7368
70°	6604
75°	6015
80°	5683
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22421 cd/sqm

TEST NUMBER: P1246487

CATALOG NUMBER: P3A09R309024DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	9.7
10°-20°	123.1	23.4
20°-30°	138.7	26.4
30°-40°	110.8	21.1
40°-50°	56.9	10.8
50°-60°	21.4	4.1
60°-70°	14.0	2.7
70°-80°	7.6	1.4
80°-90°	2.2	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°	313.0	59.5
0°-40°	423.8	80.6
0°-60°	502.1	95.5
0°-90°	525.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	525.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	567	
5°	552	51
15°	443	123
25°	303	139
35°	178	111
45°	72	57
55°	22	21
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	566.7
1°	566.7
2°	564.8
3°	561.5
4°	557.0
5°	551.9
6°	545.4
7°	537.0
8°	528.0
9°	517.7
10°	507.3
11°	495.7
12°	483.4
13°	470.5
14°	457.0
15°	442.8
17.5°	406.6
20°	370.5
22.5°	335.6
25°	302.7
27.5°	270.4
30°	240.1
32.5°	209.1
35°	178.1
37.5°	147.8
40°	119.4
42.5°	94.2
45°	72.3
47.5°	53.6
50°	37.4
52.5°	26.5
55°	21.9
57.5°	20.0
60°	18.1
62.5°	16.1
65°	14.2
67.5°	12.3
70°	10.3
72.5°	8.4
75°	7.1
77.5°	5.8
80°	4.5
82.5°	3.2
85°	1.9
87.5°	0.6



TEST NUMBER: P1246487

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)