

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: P1247304

Luminaire Tested: P3A17R359024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247304
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

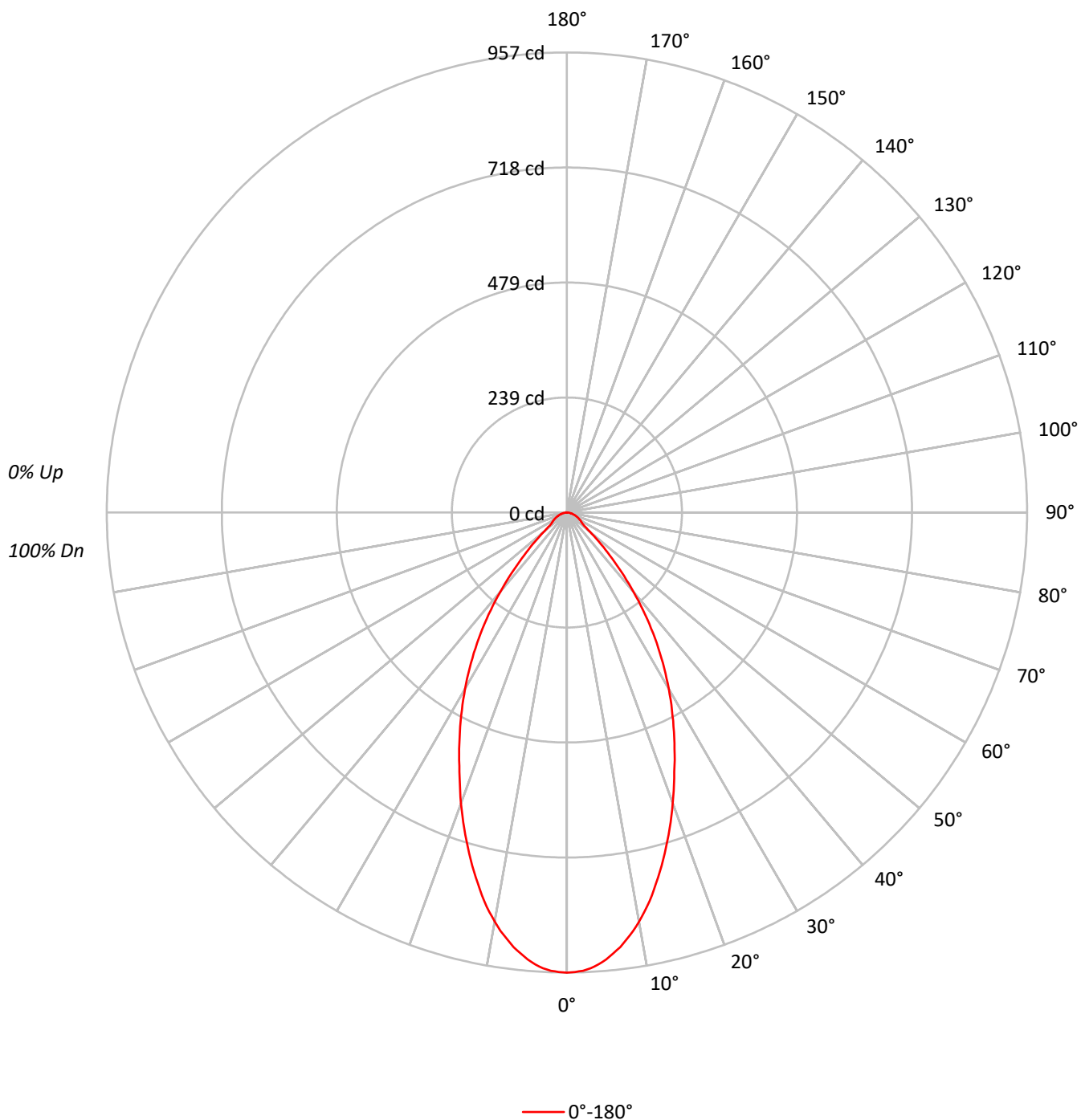
Lumens per Lamp: N/A
Luminaire Lumens: 919.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	209917
5°	205480
10°	192426
15°	172737
20°	150256
25°	128040
30°	107257
35°	85421
40°	61773
45°	39105
50°	21321
55°	14757
60°	13946
65°	12972
70°	12374
75°	10590
80°	9976
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39105 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	9.5
10°-20°	211.7	23.0
20°-30°	242.6	26.4
30°-40°	198.0	21.5
40°-50°	99.9	10.9
50°-60°	37.1	4.0
60°-70°	24.9	2.7
70°-80°	13.8	1.5
80°-90°	4.2	0.5
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°	541.3	58.9
0°-40°	739.3	80.4
0°-60°	876.2	95.3
0°-90°	919.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	919.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	957	
5°	934	87
15°	761	212
25°	529	243
35°	319	198
45°	126	100
55°	39	37
65°	25	25
75°	12	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	957.3
1°	956.2
2°	953.9
3°	949.4
4°	942.6
5°	933.5
6°	922.1
7°	910.8
8°	896.0
9°	881.3
10°	864.2
11°	846.1
12°	826.7
13°	805.2
14°	782.5
15°	760.9
17.5°	703.0
20°	643.9
22.5°	583.7
25°	529.2
27.5°	475.8
30°	423.6
32.5°	371.4
35°	319.1
37.5°	266.9
40°	215.8
42.5°	168.1
45°	126.1
47.5°	90.9
50°	62.5
52.5°	45.4
55°	38.6
57.5°	35.2
60°	31.8
62.5°	28.4
65°	25.0
67.5°	21.6
70°	19.3
72.5°	15.9
75°	12.5
77.5°	10.2
80°	7.9
82.5°	5.7
85°	3.4
87.5°	2.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)