

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: P1247477

Luminaire Tested: P3A17R659024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

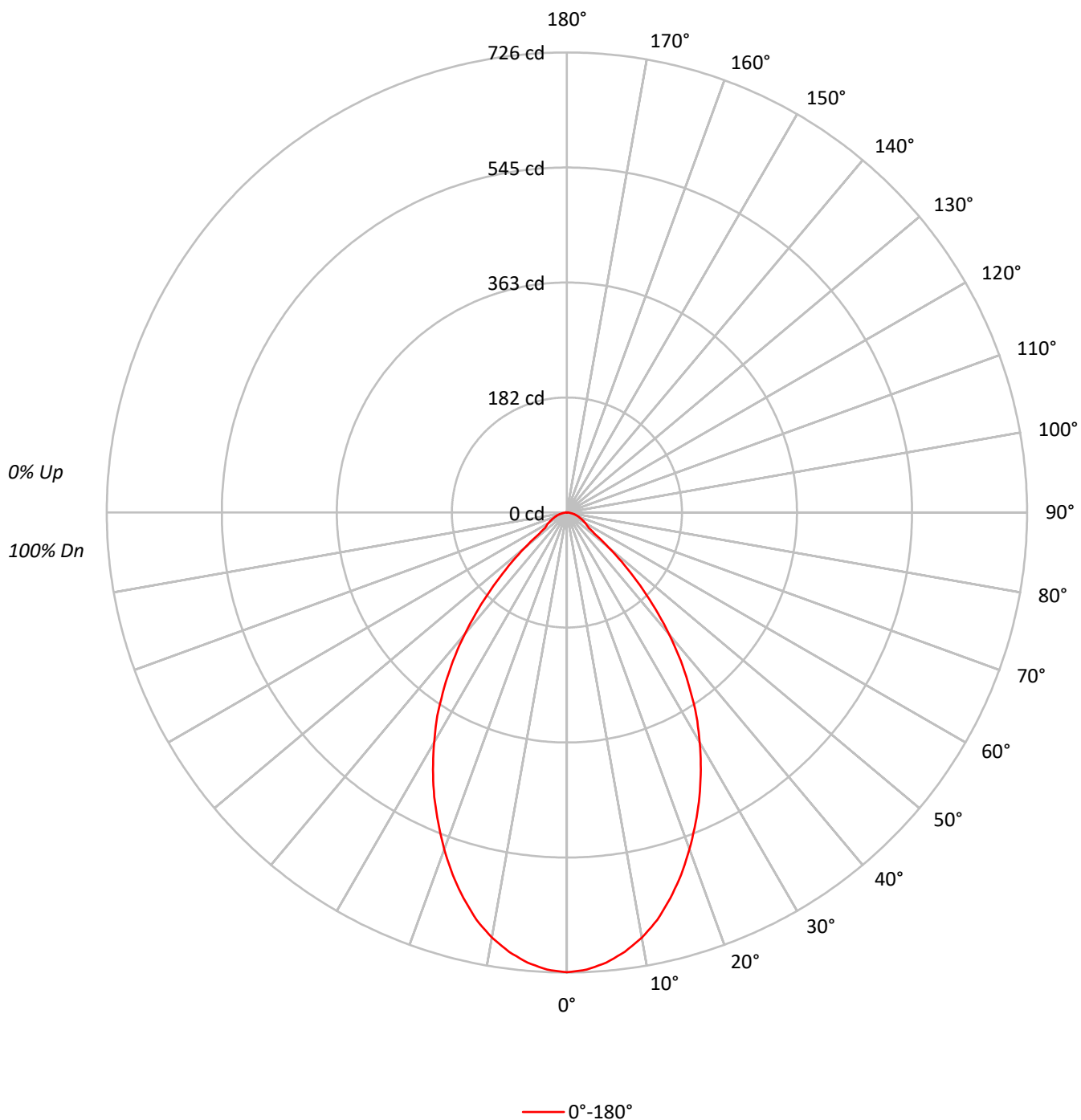
Lumens per Lamp: N/A
Luminaire Lumens: 894.0 lumens
Efficiency: N/A
Efficacy: 42.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159088
5°	156944
10°	151678
15°	143043
20°	131938
25°	119765
30°	106092
35°	90266
40°	71820
45°	50703
50°	29440
55°	16057
60°	14955
65°	13542
70°	12374
75°	11522
80°	9976
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50703 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	7.5
10°-20°	176.3	19.7
20°-30°	226.6	25.3
30°-40°	209.6	23.4
40°-50°	126.5	14.2
50°-60°	43.2	4.8
60°-70°	26.0	2.9
70°-80°	14.7	1.6
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°	469.9	52.6
0°-40°	679.5	76.0
0°-60°	849.2	95.0
0°-90°	894.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	894.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	726	
5°	713	67
15°	630	176
25°	495	227
35°	337	210
45°	164	127
55°	42	43
65°	26	26
75°	14	15
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	725.5
2.5°	722.1
5°	713.0
7.5°	699.4
10°	681.2
12.5°	658.5
15°	630.1
17.5°	599.5
20°	565.4
22.5°	530.2
25°	495.0
27.5°	457.6
30°	419.0
32.5°	380.4
35°	337.2
37.5°	295.2
40°	250.9
42.5°	206.6
45°	163.5
47.5°	123.8
50°	86.3
52.5°	54.5
55°	42.0
57.5°	37.5
60°	34.1
62.5°	29.5
65°	26.1
67.5°	22.7
70°	19.3
72.5°	17.0
75°	13.6
77.5°	11.4
80°	7.9
82.5°	5.7
85°	3.4
87.5°	2.3
90°	0.0

(END OF REPORT)