

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: P1249781

Luminaire Tested: P3AS17R559027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

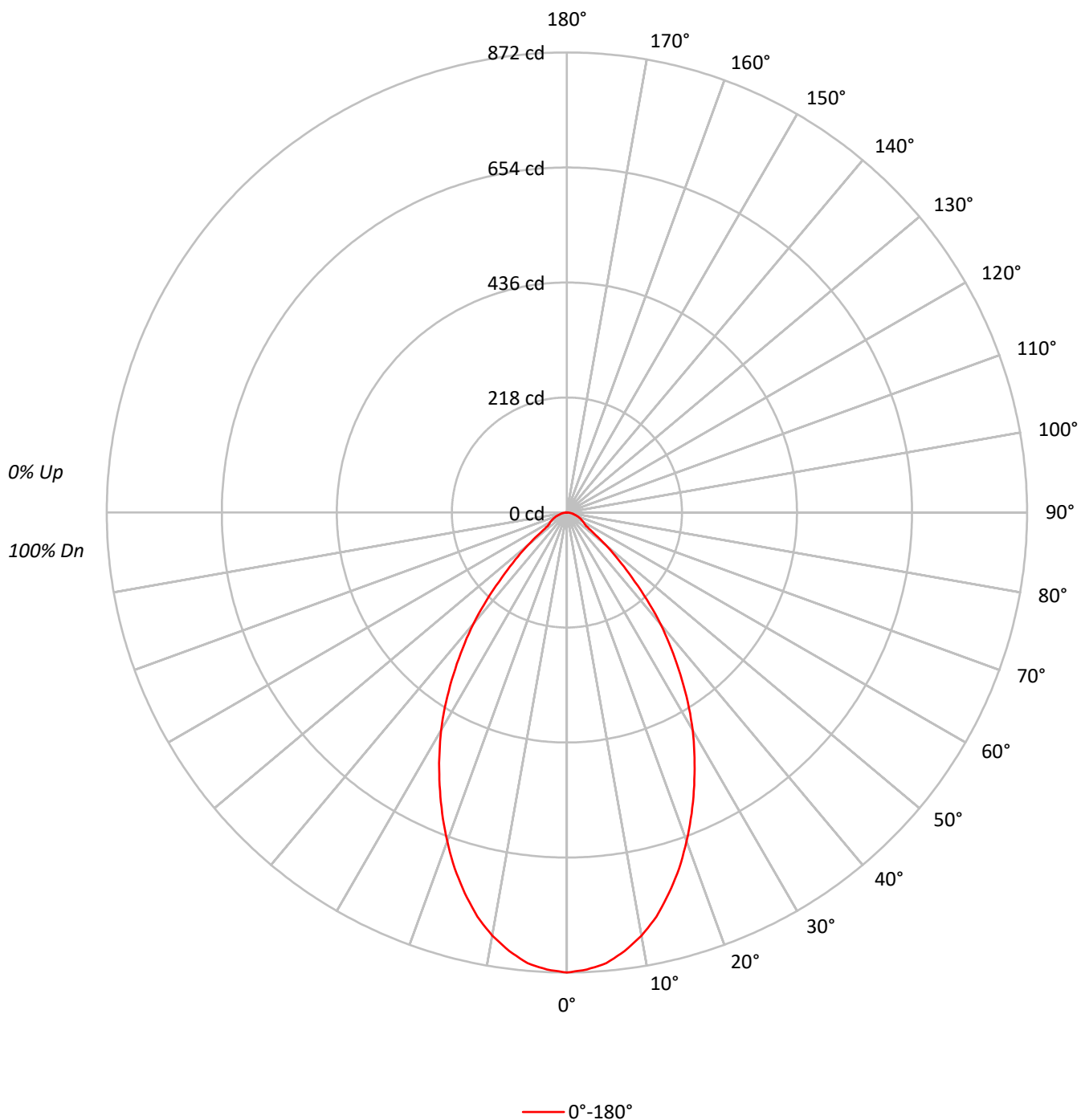
Lumens per Lamp: N/A
Luminaire Lumens: 1017.0 lumens
Efficiency: N/A
Efficacy: 48.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	109	106	103	110	107	104	102	103	100	98		99	97	95		91
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		82
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		74
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		68
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		62
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		57
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		52
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		48
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		45
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191213
5°	188773
10°	181337
15°	169604
20°	154713
25°	138056
30°	120753
35°	100331
40°	79091
45°	53649
50°	32784
55°	16974
60°	15788
65°	14943
70°	13848
75°	12200
80°	12123
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53649 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	7.9
10°-20°	208.8	20.5
20°-30°	261.5	25.7
30°-40°	233.4	23.0
40°-50°	136.7	13.4
50°-60°	47.2	4.6
60°-70°	28.5	2.8
70°-80°	15.8	1.6
80°-90°	4.6	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°	550.8	54.2
0°-40°	784.2	77.1
0°-60°	968.1	95.2
0°-90°	1017.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1017.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	872	
5°	858	80
15°	747	209
25°	571	261
35°	375	233
45°	173	137
55°	44	47
65°	29	28
75°	14	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	872.0
2.5°	867.2
5°	857.6
7.5°	838.4
10°	814.4
12.5°	784.4
15°	747.1
17.5°	707.5
20°	663.0
22.5°	617.4
25°	570.6
27.5°	523.7
30°	476.9
32.5°	426.4
35°	374.8
37.5°	324.3
40°	276.3
42.5°	224.6
45°	173.0
47.5°	132.1
50°	96.1
52.5°	62.5
55°	44.4
57.5°	39.6
60°	36.0
62.5°	32.4
65°	28.8
67.5°	25.2
70°	21.6
72.5°	18.0
75°	14.4
77.5°	12.0
80°	9.6
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)