

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: P1255194

Luminaire Tested: P3AS17R559035DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255194
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: P3AS17R559035DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

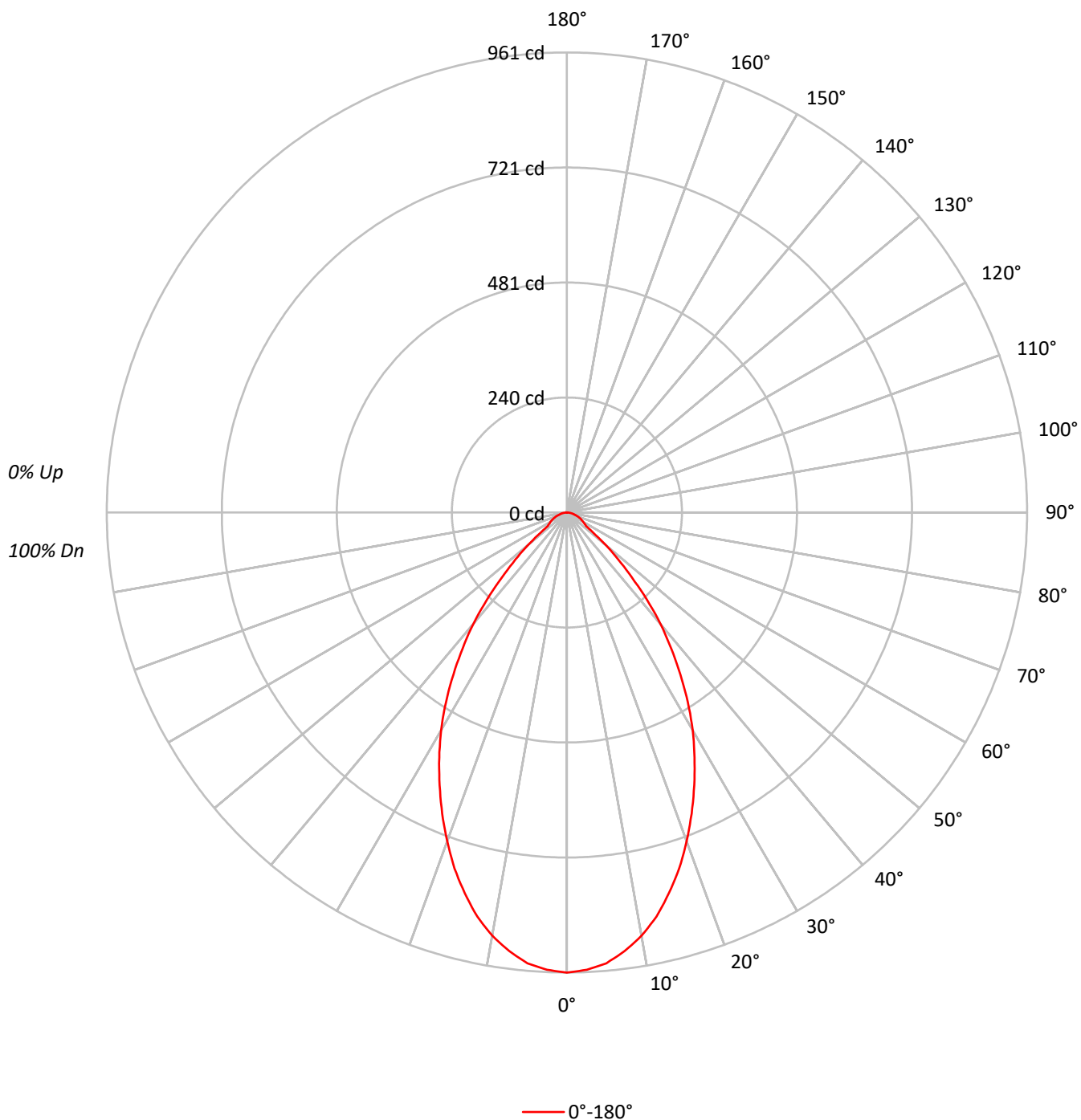
Lumens per Lamp: N/A
Luminaire Lumens: 1121.0 lumens
Efficiency: N/A
Efficacy: 52.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210773
5°	208078
10°	199885
15°	186948
20°	170535
25°	152162
30°	133084
35°	110584
40°	87163
45°	59138
50°	36127
55°	18733
60°	17411
65°	16500
70°	15259
75°	13471
80°	13386
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59138 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	7.9
10°-20°	230.2	20.5
20°-30°	288.2	25.7
30°-40°	257.3	23.0
40°-50°	150.7	13.4
50°-60°	52.0	4.6
60°-70°	31.4	2.8
70°-80°	17.5	1.6
80°-90°	5.0	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°	607.1	54.2
0°-40°	864.4	77.1
0°-60°	1067.0	95.2
0°-90°	1121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1121.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	961	
5°	945	89
15°	824	230
25°	629	288
35°	413	257
45°	191	151
55°	49	52
65°	32	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	961.2
2.5°	955.9
5°	945.3
7.5°	924.1
10°	897.7
12.5°	864.6
15°	823.5
17.5°	779.8
20°	730.8
22.5°	680.5
25°	628.9
27.5°	577.3
30°	525.6
32.5°	470.0
35°	413.1
37.5°	357.5
40°	304.5
42.5°	247.6
45°	190.7
47.5°	145.6
50°	105.9
52.5°	68.8
55°	49.0
57.5°	43.7
60°	39.7
62.5°	35.7
65°	31.8
67.5°	27.8
70°	23.8
72.5°	19.9
75°	15.9
77.5°	13.2
80°	10.6
82.5°	6.6
85°	4.0
87.5°	2.6
90°	0.0

(END OF REPORT)