

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: P1252487

Luminaire Tested: P3AS17R559030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252487
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: P3AS17R559030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

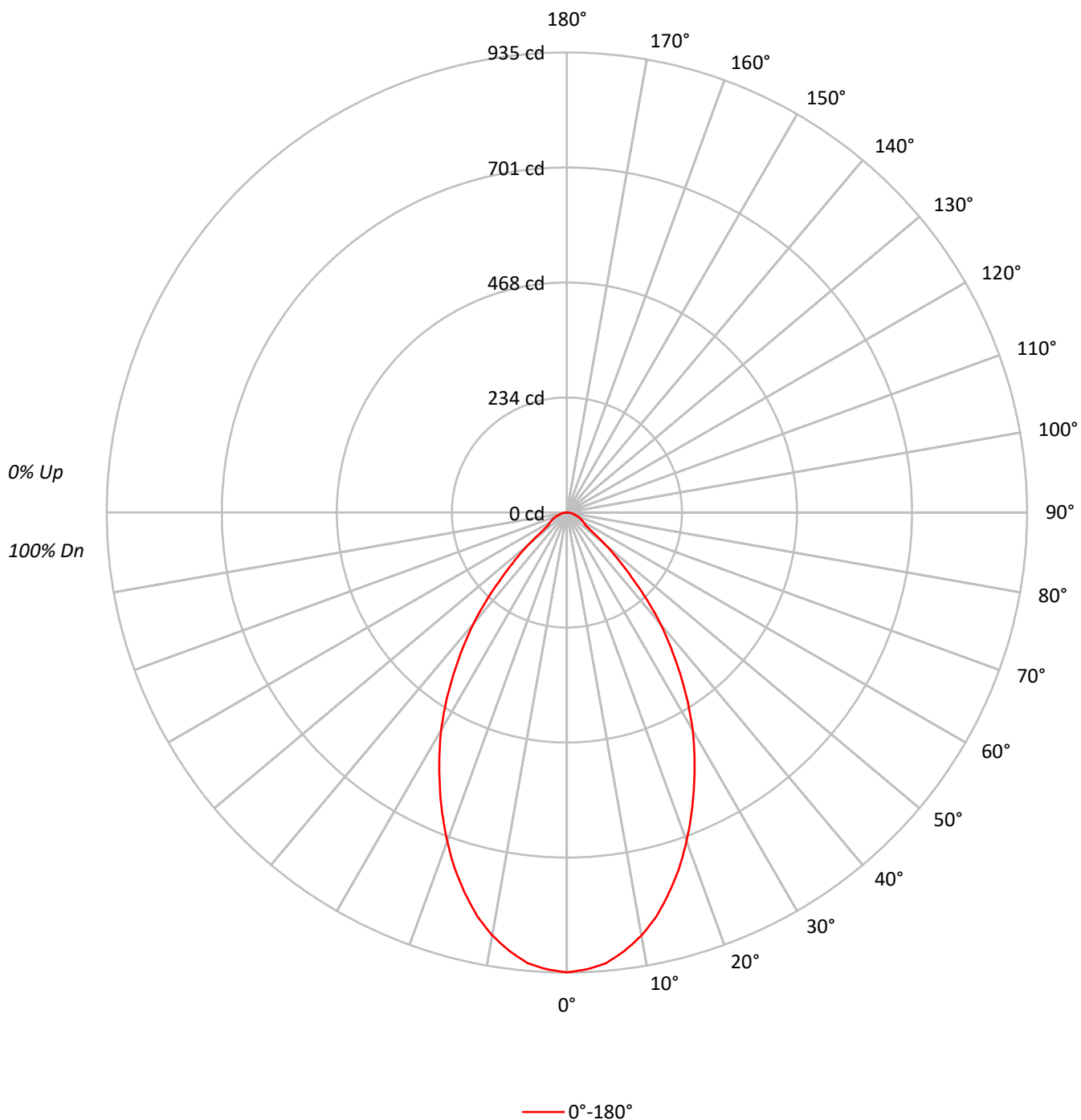
Lumens per Lamp: N/A
Luminaire Lumens: 1090.0 lumens
Efficiency: N/A
Efficacy: 51.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	204940
5°	202333
10°	194341
15°	181794
20°	165821
25°	147952
30°	129412
35°	107532
40°	84759
45°	57494
50°	35137
55°	18198
60°	16928
65°	16033
70°	14874
75°	13047
80°	13007
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57494 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	7.9
10°-20°	223.8	20.5
20°-30°	280.3	25.7
30°-40°	250.2	23.0
40°-50°	146.5	13.4
50°-60°	50.6	4.6
60°-70°	30.6	2.8
70°-80°	17.0	1.6
80°-90°	4.9	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°	590.3	54.2
0°-40°	840.5	77.1
0°-60°	1037.5	95.2
0°-90°	1090.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1090.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	935	
5°	919	86
15°	801	224
25°	612	280
35°	402	250
45°	185	146
55°	48	51
65°	31	31
75°	15	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	934.6
2.5°	929.5
5°	919.2
7.5°	898.6
10°	872.8
12.5°	840.7
15°	800.8
17.5°	758.3
20°	710.6
22.5°	661.7
25°	611.5
27.5°	561.3
30°	511.1
32.5°	457.0
35°	401.7
37.5°	347.6
40°	296.1
42.5°	240.7
45°	185.4
47.5°	141.6
50°	103.0
52.5°	66.9
55°	47.6
57.5°	42.5
60°	38.6
62.5°	34.8
65°	30.9
67.5°	27.0
70°	23.2
72.5°	19.3
75°	15.4
77.5°	12.9
80°	10.3
82.5°	6.4
85°	3.9
87.5°	2.6
90°	0.0

(END OF REPORT)