

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: P1276501

Luminaire Tested: P3AS17R409835DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276501
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

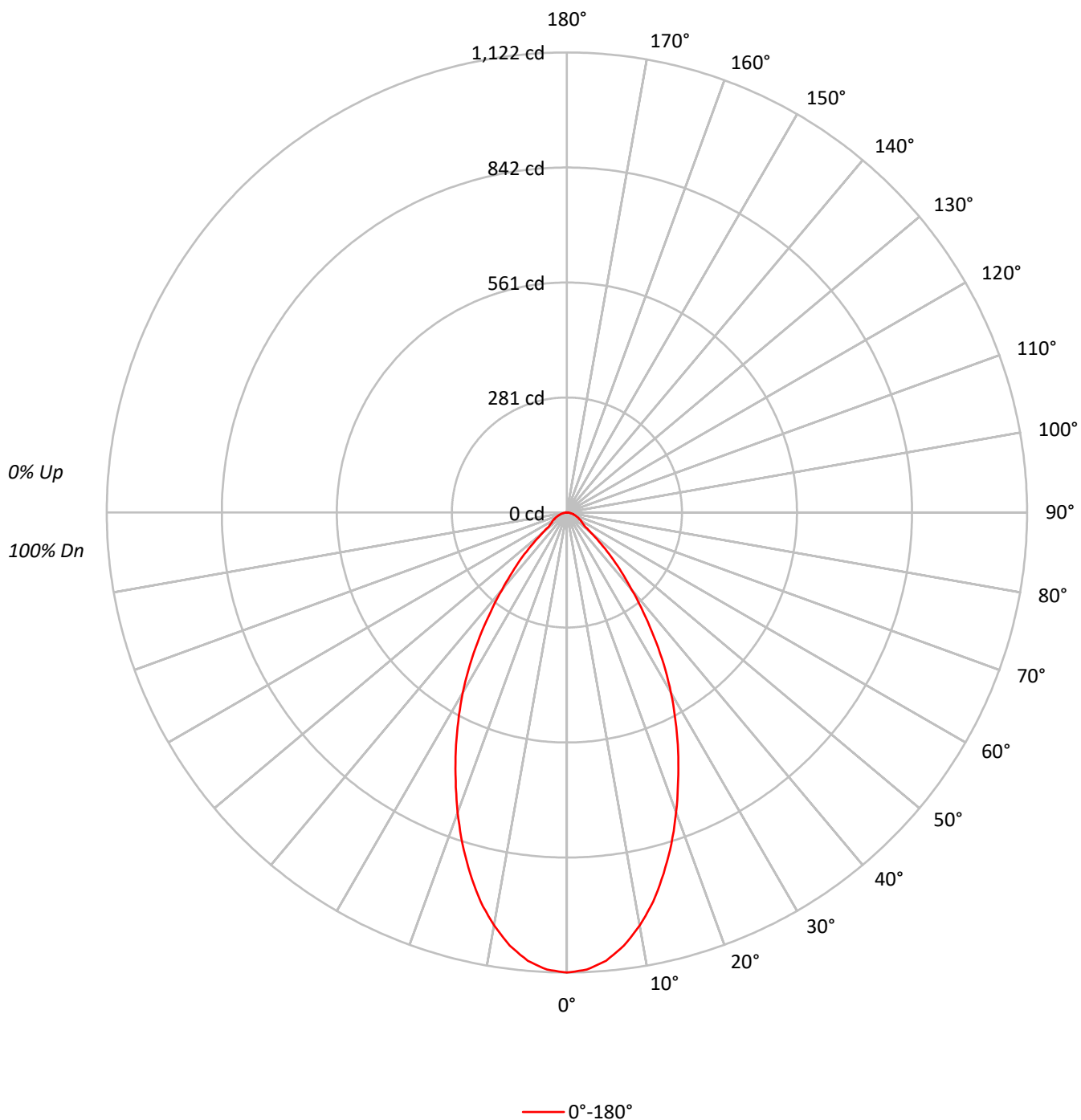
Lumens per Lamp: N/A
Luminaire Lumens: 1096.1 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	246033
5°	241580
10°	227718
15°	206834
20°	181689
25°	155162
30°	128551
35°	99126
40°	70561
45°	47540
50°	25927
55°	18274
60°	17192
65°	15929
70°	14169
75°	13471
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47540 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.4	9.3
10°-20°	253.8	23.2
20°-30°	293.4	26.8
30°-40°	231.2	21.1
40°-50°	118.7	10.8
50°-60°	45.4	4.1
60°-70°	30.0	2.7
70°-80°	16.3	1.5
80°-90°	4.9	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°	649.5	59.3
0°-40°	880.8	80.4
0°-60°	1044.8	95.3
0°-90°	1096.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1096.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1122	
5°	1098	102
15°	911	254
25°	641	293
35°	370	231
45°	153	119
55°	48	45
65°	31	30
75°	16	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1122.0
2.5°	1115.9
5°	1097.5
7.5°	1065.6
10°	1022.7
12.5°	972.4
15°	911.1
17.5°	847.3
20°	778.6
22.5°	708.7
25°	641.3
27.5°	573.9
30°	507.7
32.5°	440.2
35°	370.3
37.5°	305.3
40°	246.5
42.5°	196.2
45°	153.3
47.5°	111.6
50°	76.0
52.5°	55.2
55°	47.8
57.5°	42.9
60°	39.2
62.5°	34.3
65°	30.7
67.5°	25.8
70°	22.1
72.5°	18.4
75°	15.9
77.5°	12.3
80°	8.6
82.5°	7.4
85°	3.7
87.5°	2.5
90°	0.0

(END OF REPORT)