

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: P1276555

Luminaire Tested: P3AS17R509835DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276555
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509835DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

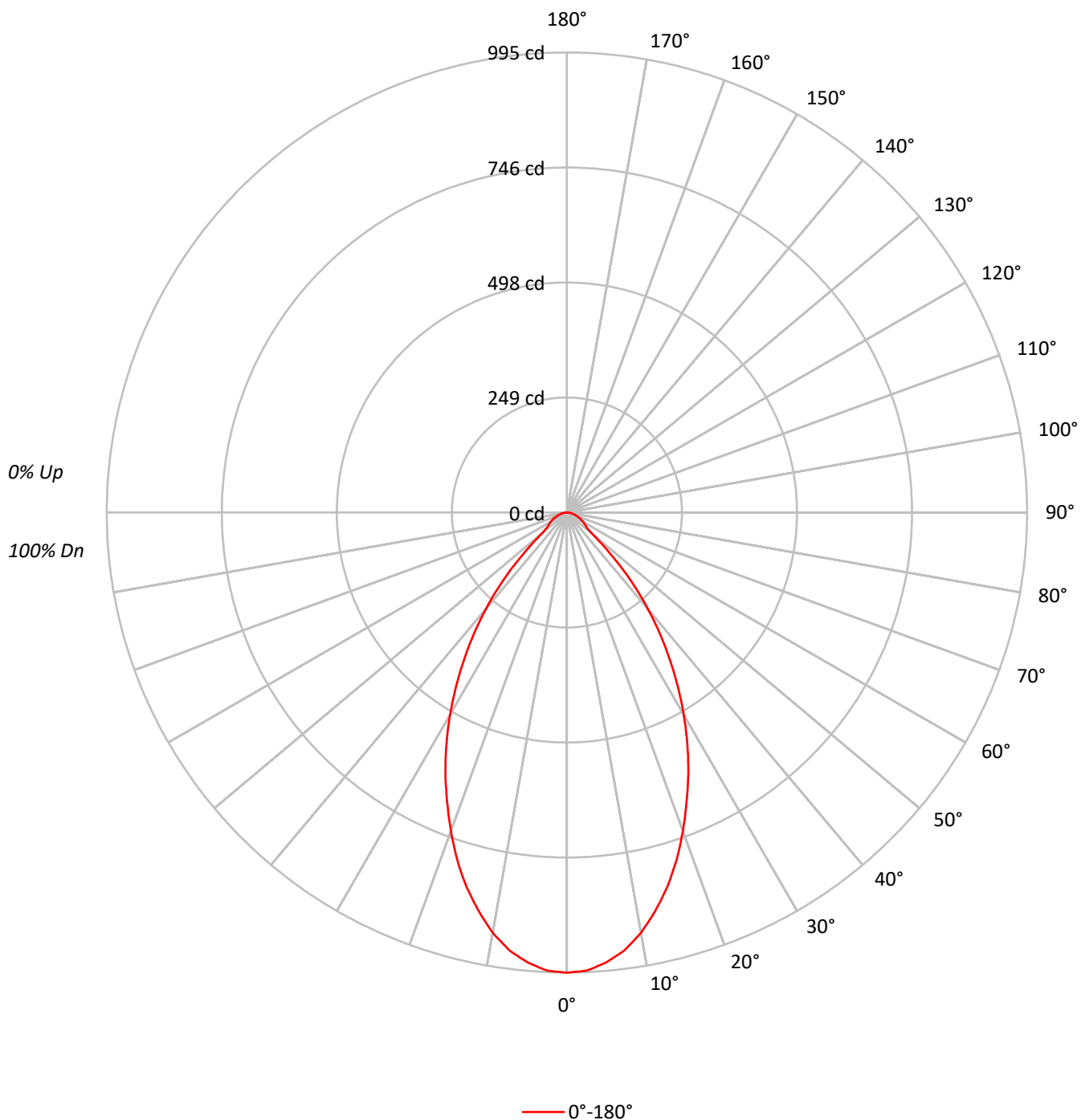
Lumens per Lamp: N/A
Luminaire Lumens: 1074.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		75
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		69
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		58
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		53
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		50
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	218250
5°	215034
10°	205518
15°	190330
20°	171048
25°	150372
30°	127868
35°	103677
40°	77889
45°	50176
50°	23846
55°	18733
60°	17762
65°	16552
70°	14938
75°	13471
80°	12375
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50176 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.6	8.5
10°-20°	233.8	21.8
20°-30°	284.0	26.4
30°-40°	240.9	22.4
40°-50°	125.1	11.7
50°-60°	45.1	4.2
60°-70°	31.2	2.9
70°-80°	17.0	1.6
80°-90°	5.4	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°	609.4	56.7
0°-40°	850.2	79.2
0°-60°	1020.5	95.0
0°-90°	1074.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1074.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	995	
5°	977	92
15°	838	234
25°	622	284
35°	387	241
45°	162	125
55°	49	45
65°	32	31
75°	16	17
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	995.3
2.5°	991.7
5°	976.9
7.5°	954.9
10°	923.0
12.5°	882.6
15°	838.4
17.5°	788.2
20°	733.0
22.5°	676.6
25°	621.5
27.5°	563.9
30°	505.0
32.5°	446.2
35°	387.3
37.5°	329.7
40°	272.1
42.5°	217.0
45°	161.8
47.5°	107.9
50°	69.9
52.5°	53.9
55°	49.0
57.5°	44.1
60°	40.5
62.5°	35.5
65°	31.9
67.5°	27.0
70°	23.3
72.5°	19.6
75°	15.9
77.5°	12.3
80°	9.8
82.5°	7.4
85°	4.9
87.5°	2.5
90°	0.0

(END OF REPORT)