

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: P1276489

Luminaire Tested: P3AS17R409835DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276489
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

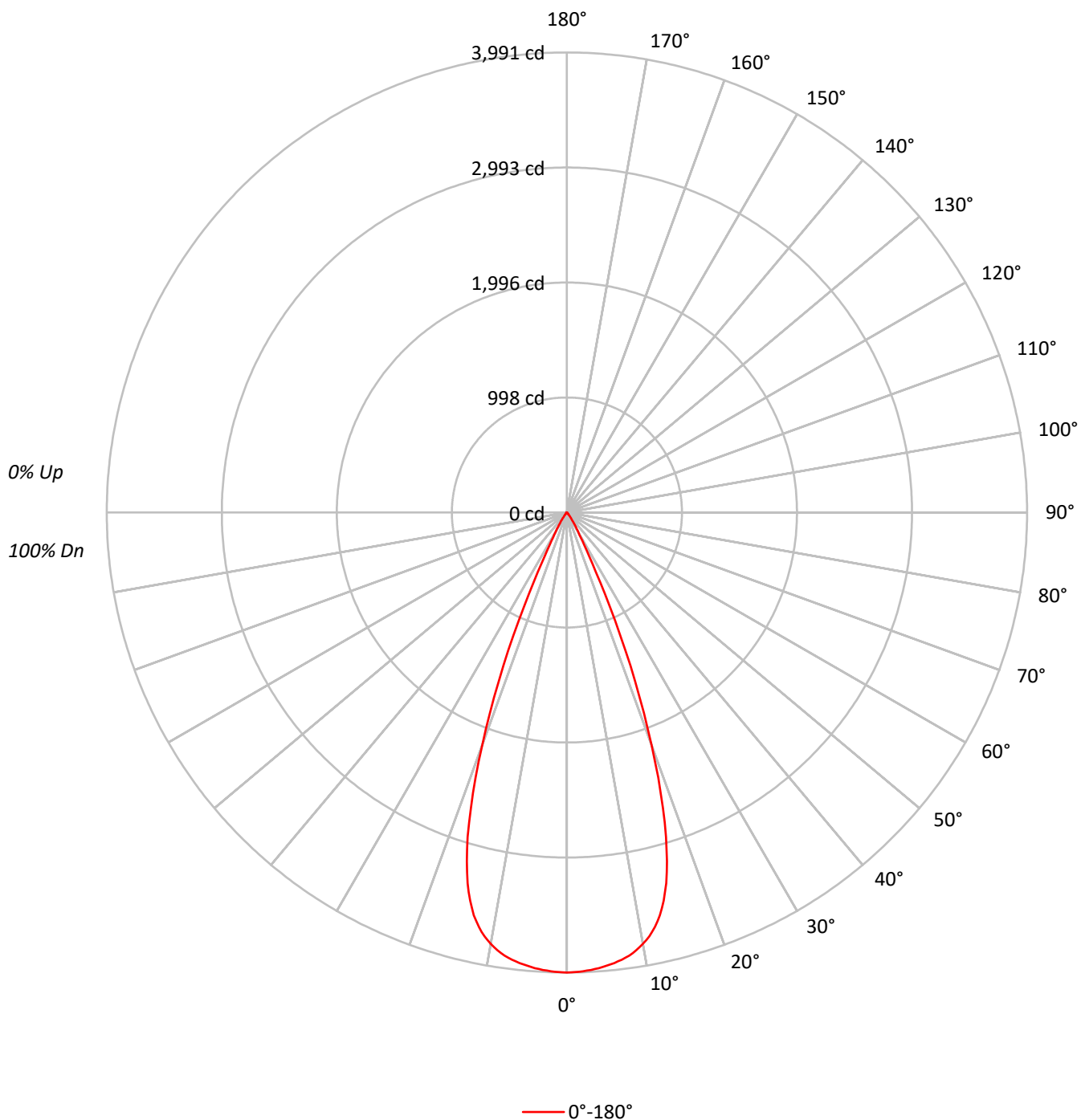
Lumens per Lamp: N/A
Luminaire Lumens: 1717.0 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	112	110	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	102	100	102	100	98		99	97	96		96
3	107	102	98	95	105	100	97	94	98	95	93		96	93	91		93
4	103	97	93	90	101	96	92	89	94	91	88		92	89	87		90
5	99	93	89	85	98	92	88	85	91	87	84		89	86	84		88
6	96	89	85	81	95	89	84	81	87	83	81		86	83	80		85
7	93	86	81	78	92	85	81	78	84	80	77		83	80	77		82
8	90	83	78	75	89	82	78	75	81	77	75		80	77	74		79
9	87	80	75	72	86	79	75	72	78	75	72		78	74	72		77
10	84	77	72	70	83	77	72	69	76	72	69		75	72	69		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	875193
5°	868873
10°	846143
15°	755827
20°	501174
25°	187753
30°	50236
35°	19622
40°	7042
45°	3349
50°	1023
55°	459
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3349 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.5	21.7
10°-20°	882.2	51.4
20°-30°	400.1	23.3
30°-40°	51.9	3.0
40°-50°	9.0	0.5
50°-60°	1.1	0.1
60°-70°	0.4	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1654.8	96.4
0°-40°	1706.6	99.4
0°-60°	1716.6	100.0
0°-90°	1717.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1717.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3991	
5°	3947	373
15°	3329	882
25°	776	400
35°	73	52
45°	11	9
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3991.2
1°	3988.8
2°	3982.8
3°	3973.8
4°	3962.4
5°	3947.3
6°	3929.9
7°	3908.3
8°	3881.8
9°	3845.7
10°	3800.1
11°	3746.6
12°	3675.0
13°	3586.7
14°	3471.3
15°	3329.4
16°	3148.5
17°	2942.3
18°	2694.7
19°	2433.2
20°	2147.7
21°	1862.2
22°	1580.9
23°	1300.7
24°	1025.5
25°	776.0
26°	574.6
27°	420.8
28°	316.2
29°	245.8
30°	198.4
31°	164.1
32°	137.0
32.5°	125.0
33°	113.0
34°	92.0
35°	73.3
36°	57.7
37°	45.7
37.5°	40.9
38°	36.1
39°	30.1
40°	24.6
42.5°	16.2
45°	10.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.6
50°	3.0
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)