

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: P1254949

Luminaire Tested: P3AS17R159035DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254949
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159035DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

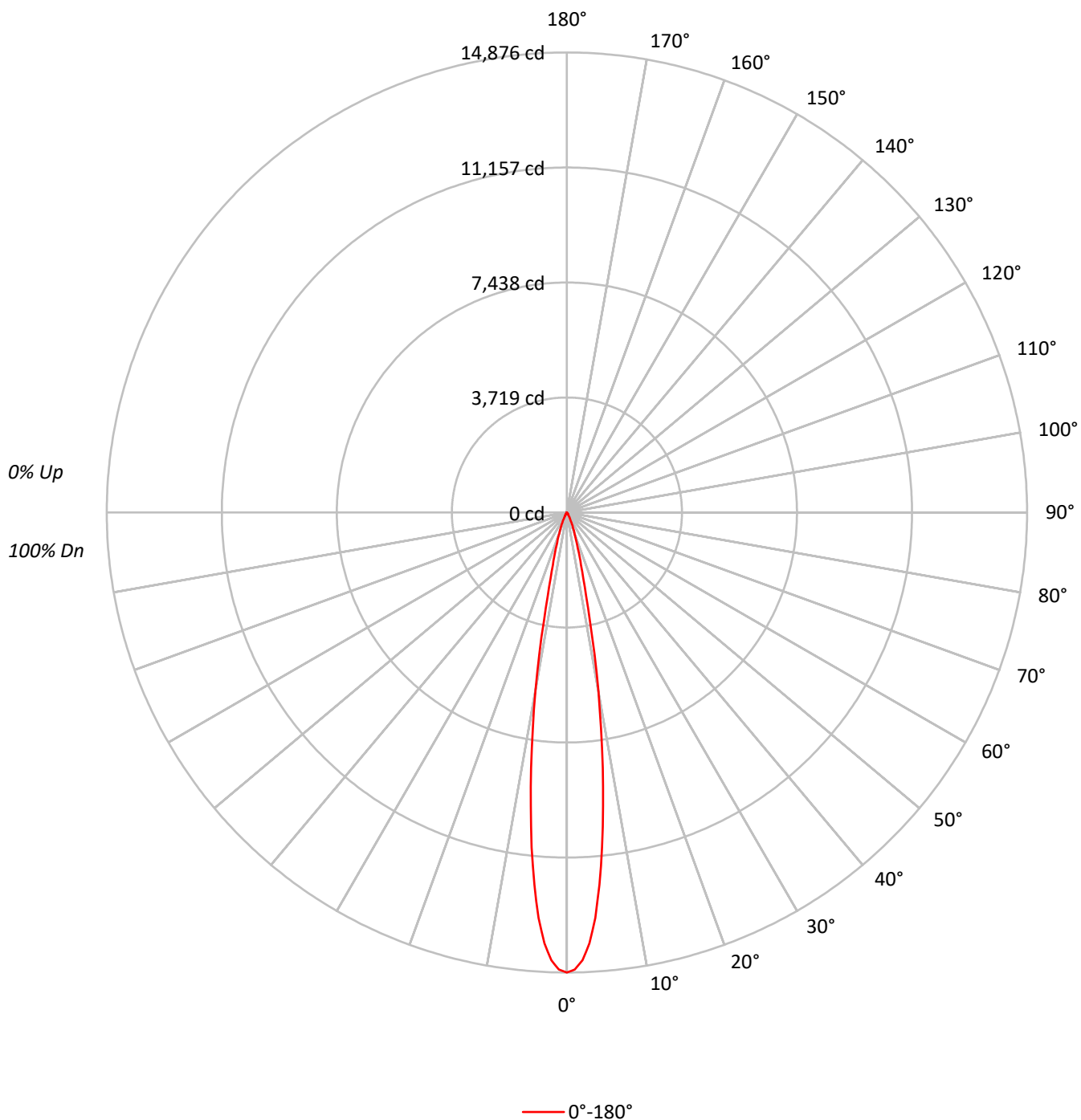
Lumens per Lamp: N/A
Luminaire Lumens: 1712.9 lumens
Efficiency: N/A
Efficacy: 80.8 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97
3	110	106	102	100	108	104	102	99	102	100	98	100	98	96	98	96	95
4	107	102	99	96	106	101	98	96	99	97	95	98	96	94	96	94	93
5	105	100	96	94	103	99	96	93	97	94	92	96	93	92	94	93	91
6	102	97	94	91	101	96	93	91	95	92	90	94	92	90	93	91	89
7	100	95	91	89	99	94	91	89	93	90	88	92	90	88	91	89	88
8	98	93	89	87	97	92	89	87	91	89	87	91	88	86	90	88	86
9	96	91	88	85	96	91	87	85	90	87	85	89	87	85	89	86	85
10	95	89	86	84	94	89	86	84	88	85	83	88	85	83	87	85	83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3261997
5°	2659931
10°	1302692
15°	398731
20°	168855
25°	76383
30°	29777
35°	13733
40°	4265
45°	1613
50°	648
55°	229
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	940.6	54.9
10°-20°	577.2	33.7
20°-30°	155.0	9.1
30°-40°	34.1	2.0
40°-50°	4.8	0.3
50°-60°	0.8	0.0
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°	1672.8	97.7
0°-40°	1707.0	99.7
0°-60°	1712.6	100.0
0°-90°	1712.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1712.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	14876	
5°	12084	941
15°	1756	577
25°	316	155
35°	51	34
45°	5	5
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	14875.9
1°	14783.0
2°	14484.9
3°	13947.7
4°	13139.0
5°	12084.1
6°	10890.9
7°	9562.0
8°	8340.8
9°	7046.3
10°	5850.5
11°	4667.0
12°	3590.7
13°	2761.9
14°	2186.4
15°	1756.4
17.5°	1088.6
20°	723.6
22.5°	487.2
25°	315.7
27.5°	187.1
30°	117.6
32.5°	79.2
35°	51.3
37.5°	28.6
40°	14.9
42.5°	8.4
45°	5.2
47.5°	3.2
50°	1.9
52.5°	1.3
55°	0.6
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



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)