

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: P1257751

Luminaire Tested: P3AS17R309040DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257751
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309040DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

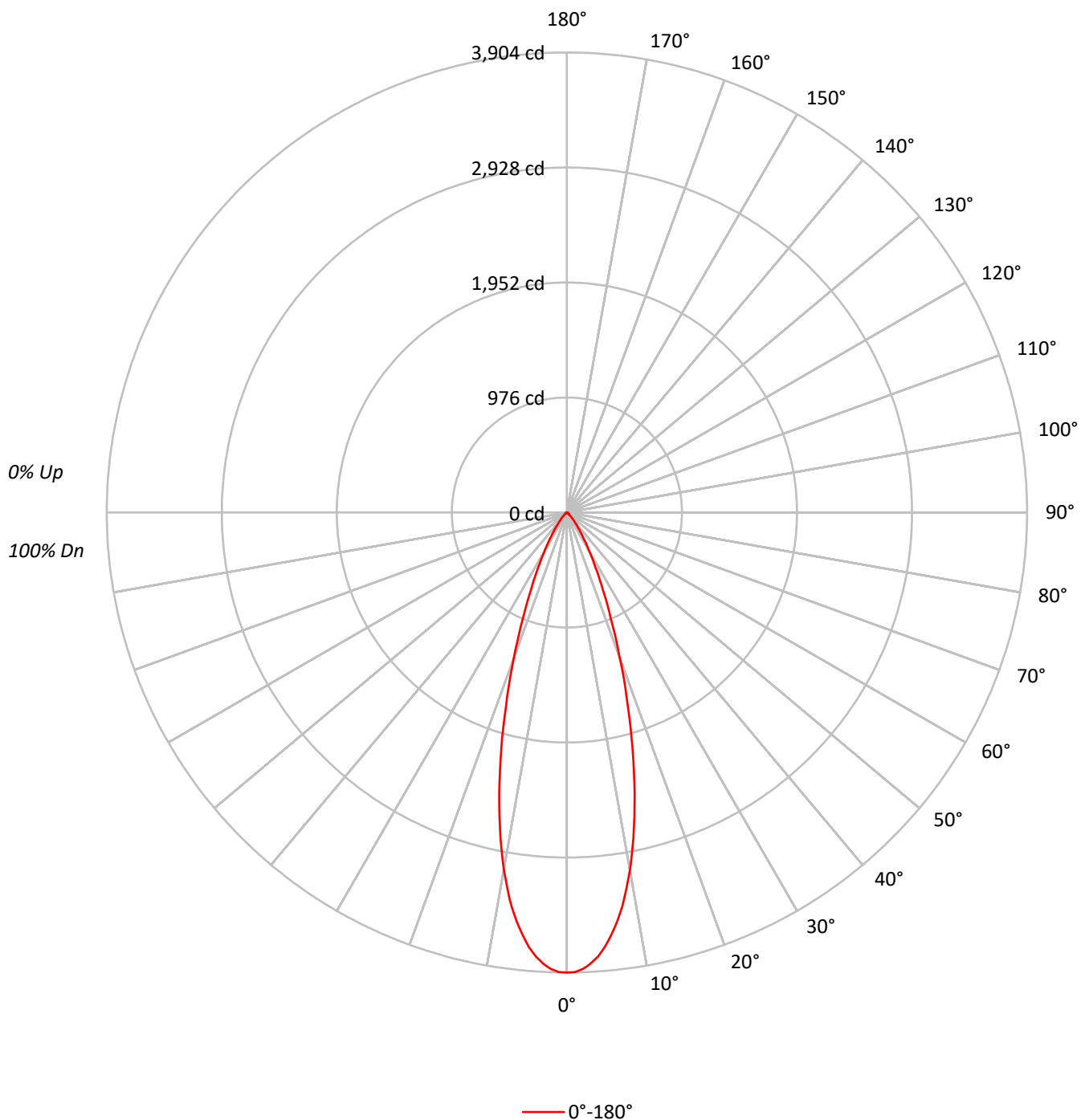
Lumens per Lamp: N/A
Luminaire Lumens: 1467.0 lumens
Efficiency: N/A
Efficacy: 69.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	856050
5°	814768
10°	685336
15°	494237
20°	306580
25°	174349
30°	96850
35°	52682
40°	27766
45°	15040
50°	8051
55°	5314
60°	4868
65°	5033
70°	4424
75°	3558
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	333.3	22.7
10°-20°	592.5	40.4
20°-30°	342.4	23.3
30°-40°	130.0	8.9
40°-50°	39.9	2.7
50°-60°	13.4	0.9
60°-70°	9.1	0.6
70°-80°	4.9	0.3
80°-90°	1.5	0.1
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°	1268.2	86.4
0°-40°	1398.1	95.3
0°-60°	1451.5	98.9
0°-90°	1467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1467.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3904	
5°	3702	333
15°	2177	592
25°	721	342
35°	197	130
45°	48	40
55°	14	13
65°	10	9
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3903.9
1°	3901.1
2°	3877.5
3°	3833.2
4°	3777.7
5°	3701.5
6°	3604.5
7°	3496.4
8°	3375.9
9°	3231.7
10°	3077.9
11°	2911.6
12°	2735.6
13°	2551.3
14°	2364.2
15°	2177.1
17.5°	1717.0
20°	1313.8
22.5°	974.2
25°	720.6
27.5°	523.8
30°	382.5
32.5°	275.8
35°	196.8
37.5°	137.2
40°	97.0
42.5°	67.9
45°	48.5
47.5°	33.3
50°	23.6
52.5°	16.6
55°	13.9
57.5°	12.5
60°	11.1
62.5°	9.7
65°	9.7
67.5°	8.3
70°	6.9
72.5°	5.5
75°	4.2
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)