

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: P1256381

Luminaire Tested: P3AS02R659040DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659040DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

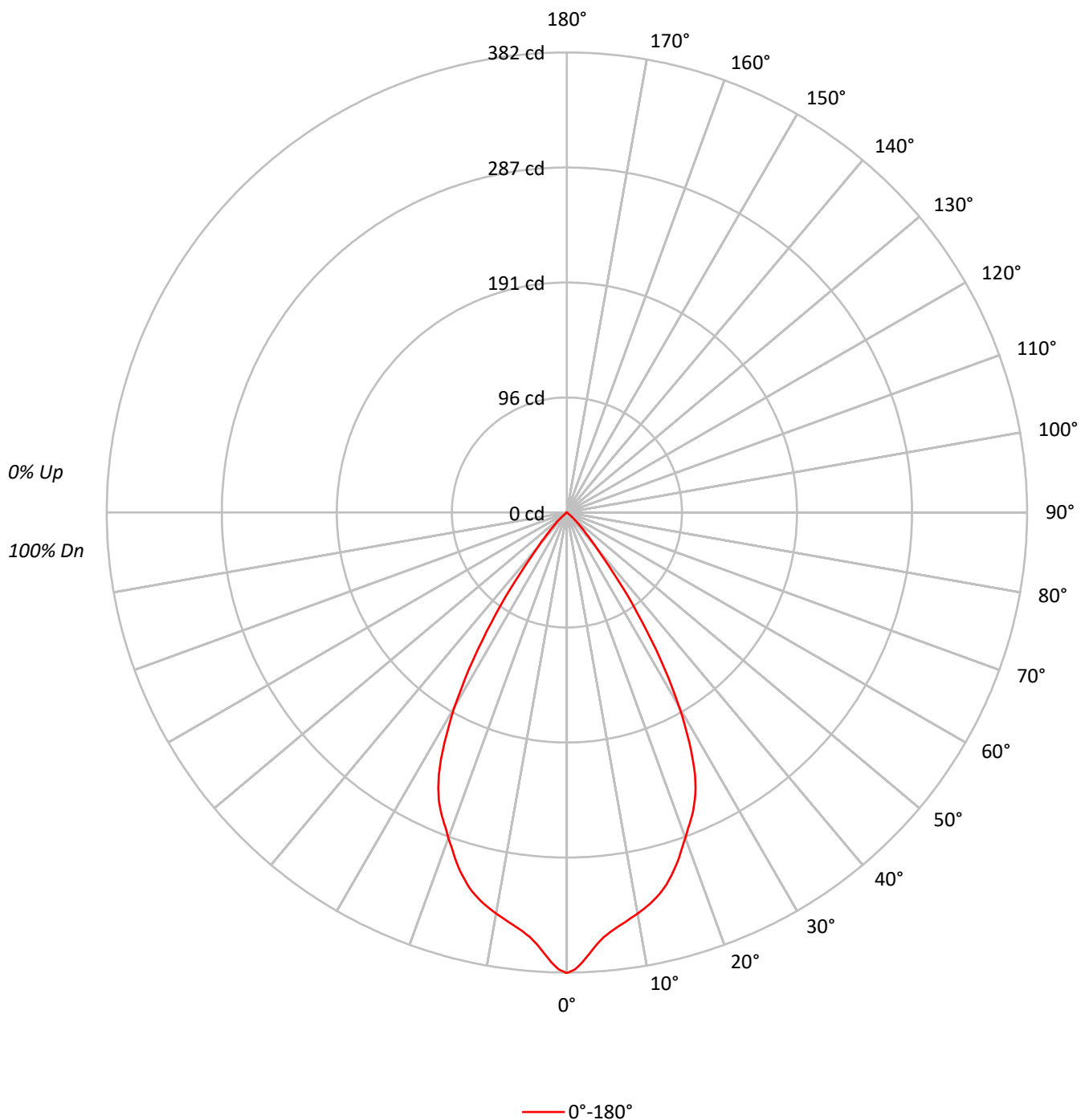
Lumens per Lamp: N/A
Luminaire Lumens: 313.0 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					30					10					0
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	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	95	91	88		93	89	86		90	87	85		88	86	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	81	78
5	93	85	79	75		92	84	79	75		82	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	69		76	72	69		75	71	68
7	84	75	70	65		83	75	69	65		73	69	65		72	68	65		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		68	63	60
9	77	67	61	58		76	67	61	57		66	61	57		65	60	57		64	60	57
10	73	64	58	54		72	63	58	54		62	57	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83875
5°	77878
10°	75305
15°	72577
20°	67089
25°	61141
30°	47222
35°	27385
40°	10878
45°	4621
50°	1092
55°	153
60°	132
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4621 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	10.7
10°-20°	89.1	28.5
20°-30°	112.7	36.0
30°-40°	64.2	20.5
40°-50°	12.7	4.1
50°-60°	0.7	0.2
60°-70°	0.2	0.1
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°	235.2	75.1
0°-40°	299.4	95.7
0°-60°	312.8	99.9
0°-90°	313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	382	
5°	354	33
15°	320	89
25°	253	113
35°	102	64
45°	15	13
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	382.5
1°	379.6
2°	373.5
3°	366.3
4°	359.2
5°	353.8
6°	349.8
7°	346.6
8°	343.8
9°	340.9
10°	338.2
11°	335.3
12°	332.2
13°	328.4
14°	324.5
15°	319.7
16°	314.0
17°	307.9
18°	301.2
19°	294.1
20°	287.5
21°	280.8
22°	274.8
23°	268.5
24°	261.2
25°	252.7
26°	242.5
27°	230.3
28°	216.5
29°	201.9
30°	186.5
31°	169.7
32°	153.0
32.5°	144.3
33°	136.0
34°	119.0
35°	102.3
36°	86.8
37°	71.5
37.5°	63.7
38°	57.4
39°	46.4
40°	38.0
42.5°	23.4
45°	14.9

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	8.7
50°	3.2
52.5°	0.6
55°	0.4
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.1
67.5°	0.1
70°	0.1
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)