

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: P1249217

Luminaire Tested: P3AS13R259027DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259027DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

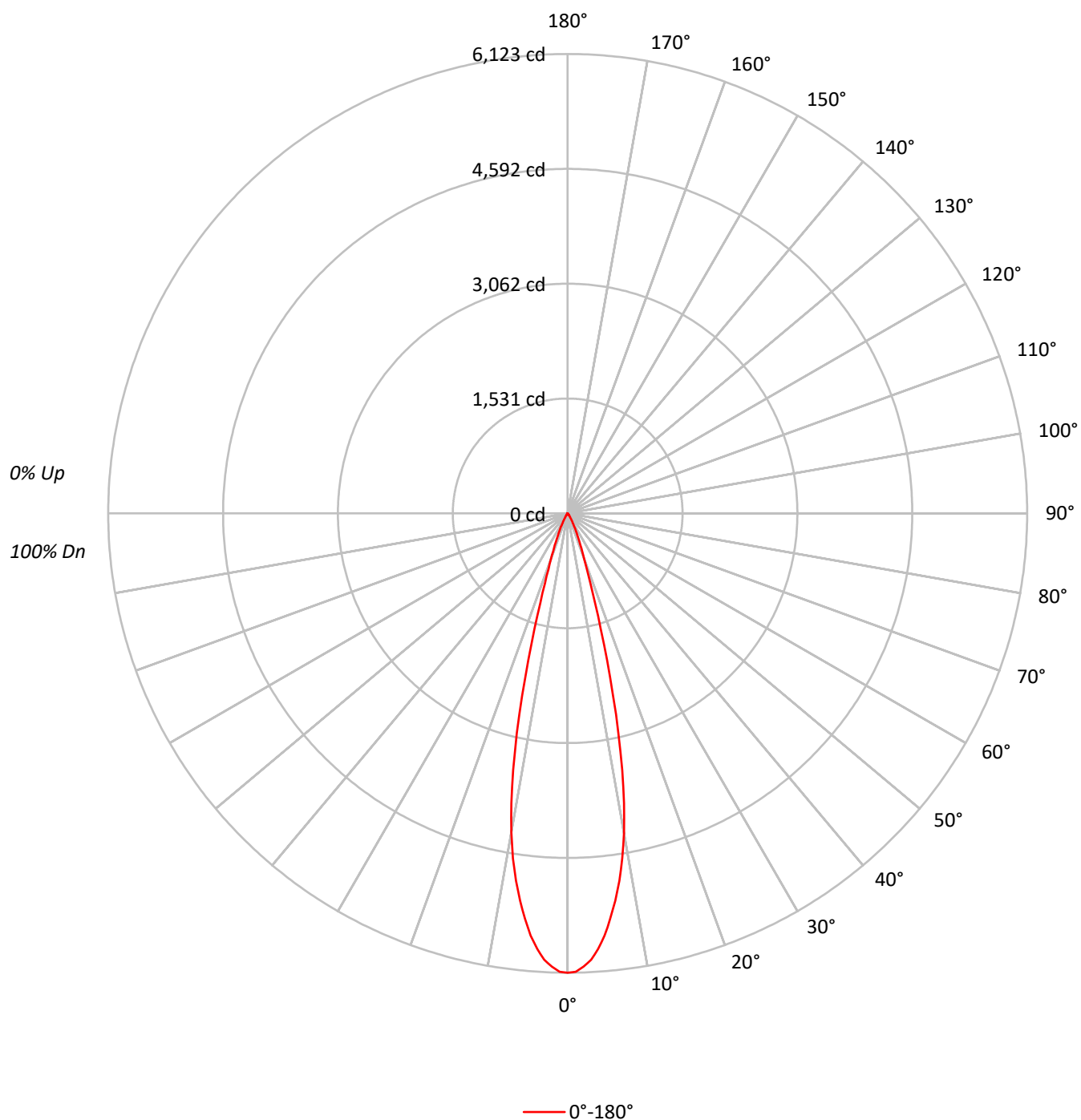
Lumens per Lamp: N/A
Luminaire Lumens: 1225.9 lumens
Efficiency: N/A
Efficacy: 84.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				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	113	111	110	113	111	110	108	107	106	105		104	103	102		100
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1342699
5°	1243822
10°	962351
15°	459662
20°	151540
25°	63875
30°	24763
35°	10708
40°	3550
45°	1644
50°	614
55°	344
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	496.7	40.5
10°-20°	564.9	46.1
20°-30°	131.3	10.7
30°-40°	27.5	2.2
40°-50°	4.4	0.4
50°-60°	0.7	0.1
60°-70°	0.3	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°	1192.9	97.3
0°-40°	1220.4	99.6
0°-60°	1225.6	100.0
0°-90°	1225.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1225.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6123	
5°	5651	497
15°	2025	565
25°	264	131
35°	40	28
45°	5	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6123.2
1°	6110.8
2°	6047.2
3°	5957.8
4°	5821.4
5°	5650.7
6°	5431.5
7°	5202.2
8°	4944.8
9°	4654.5
10°	4322.0
11°	3936.6
12°	3494.3
13°	3009.8
14°	2503.1
15°	2024.8
16°	1601.6
17°	1247.8
18°	981.5
19°	785.0
20°	649.4
21°	542.8
22°	455.6
23°	380.5
24°	318.3
25°	264.0
27.5°	156.5
30°	97.8
32.5°	62.7
35°	40.0
37.5°	24.0
40°	12.4
42.5°	8.0
45°	5.3
47.5°	3.1
50°	1.8
52.5°	0.9
55°	0.9
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	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)