

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: P1295348

Luminaire Tested: P3A13R15W2N902750DE010 E3D1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295348
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRIS
Catalog Number: P3A13R15W2N902750DE010 E3D1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

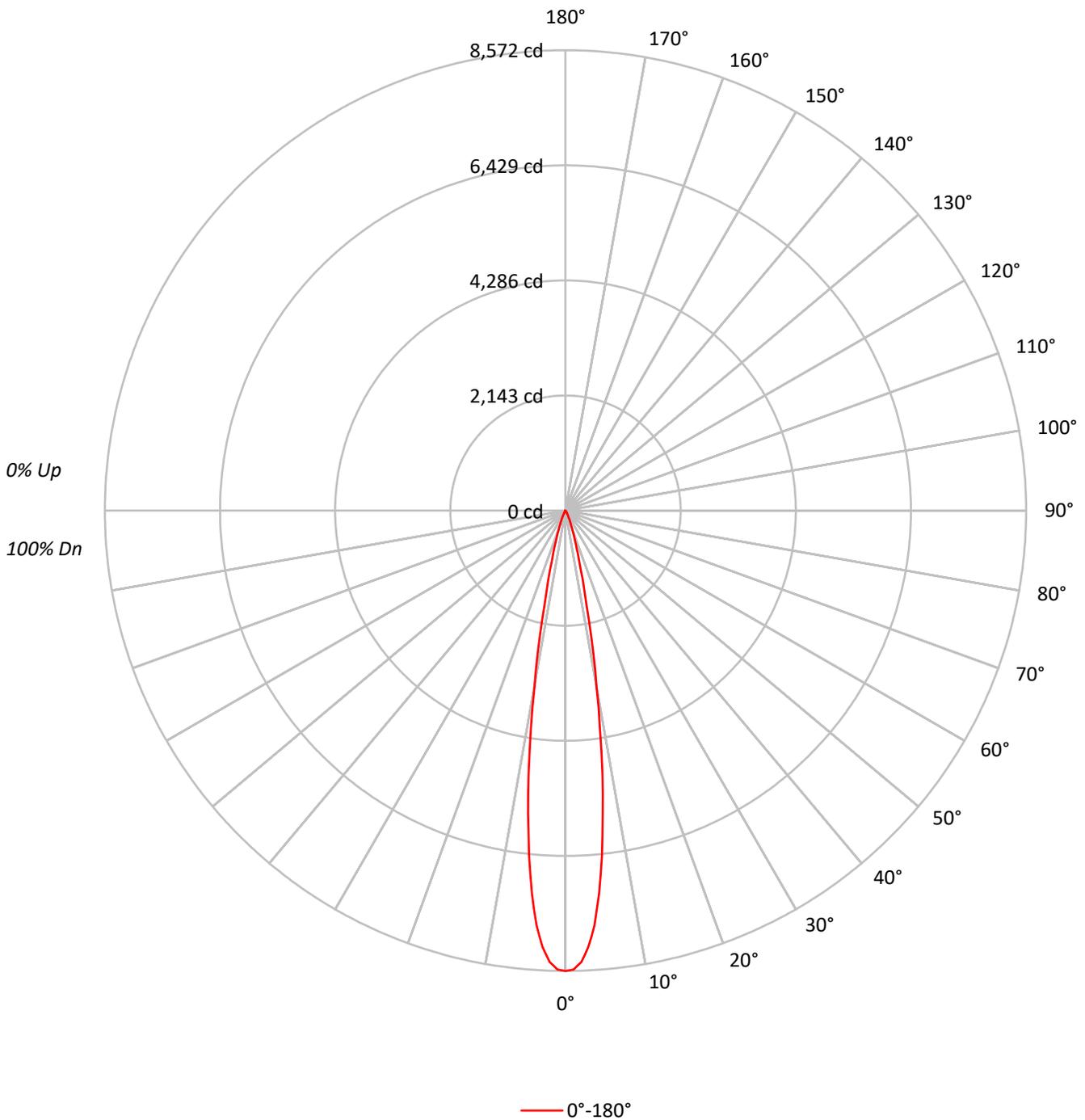
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 967.0 lumens
Efficiency: N/A
Efficacy: 78.6 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): 12.3
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		0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100		98
2	113	110	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97		96
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	97	95		94
4	107	103	100	97	106	102	99	97	100	97	95	98	96	94	97	95	93		92
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92		91
6	103	98	94	92	102	97	94	92	96	93	91	95	92	91	94	92	90		89
7	101	96	92	90	100	95	92	90	94	91	89	93	91	89	92	90	89		88
8	99	94	90	88	98	93	90	88	92	90	88	92	89	87	91	89	87		86
9	97	92	89	87	97	92	89	86	91	88	86	90	88	86	90	87	86		85
10	96	90	87	85	95	90	87	85	89	87	85	89	86	85	88	86	85		84

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1879608
5°	1575299
10°	742026
15°	223724
20°	82771
25°	32179
30°	12002
35°	3694
40°	1317
45°	713
50°	512
55°	573
60°	658
65°	415
70°	513
75°	678
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 713 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	553.3	57.2
10°-20°	328.9	34.0
20°-30°	69.1	7.1
30°-40°	11.1	1.2
40°-50°	1.9	0.2
50°-60°	1.3	0.1
60°-70°	0.9	0.1
70°-80°	0.5	0.1
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°	951.2	98.4
0°-40°	962.4	99.5
0°-60°	965.6	99.9
0°-90°	967.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8572	
5°	7157	553
15°	986	329
25°	133	69
35°	14	11
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	8571.7
1°	8545.0
2°	8408.9
3°	8136.7
4°	7737.7
5°	7156.6
6°	6473.9
7°	5693.3
8°	4947.9
9°	4103.9
10°	3332.5
12.5°	1798.1
15°	985.5
17.5°	577.2
20°	354.7
22.5°	217.1
25°	133.0
27.5°	80.3
30°	47.4
32.5°	26.8
35°	13.8
37.5°	7.6
40°	4.6
42.5°	3.1
45°	2.3
47.5°	1.5
50°	1.5
52.5°	1.5
55°	1.5
57.5°	1.5
60°	1.5
62.5°	0.8
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)