

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: P1295337

Luminaire Tested: P3A13R15W2N902750DE010 E3D1H_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295337
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: P3A13R15W2N902750DE010 E3D1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

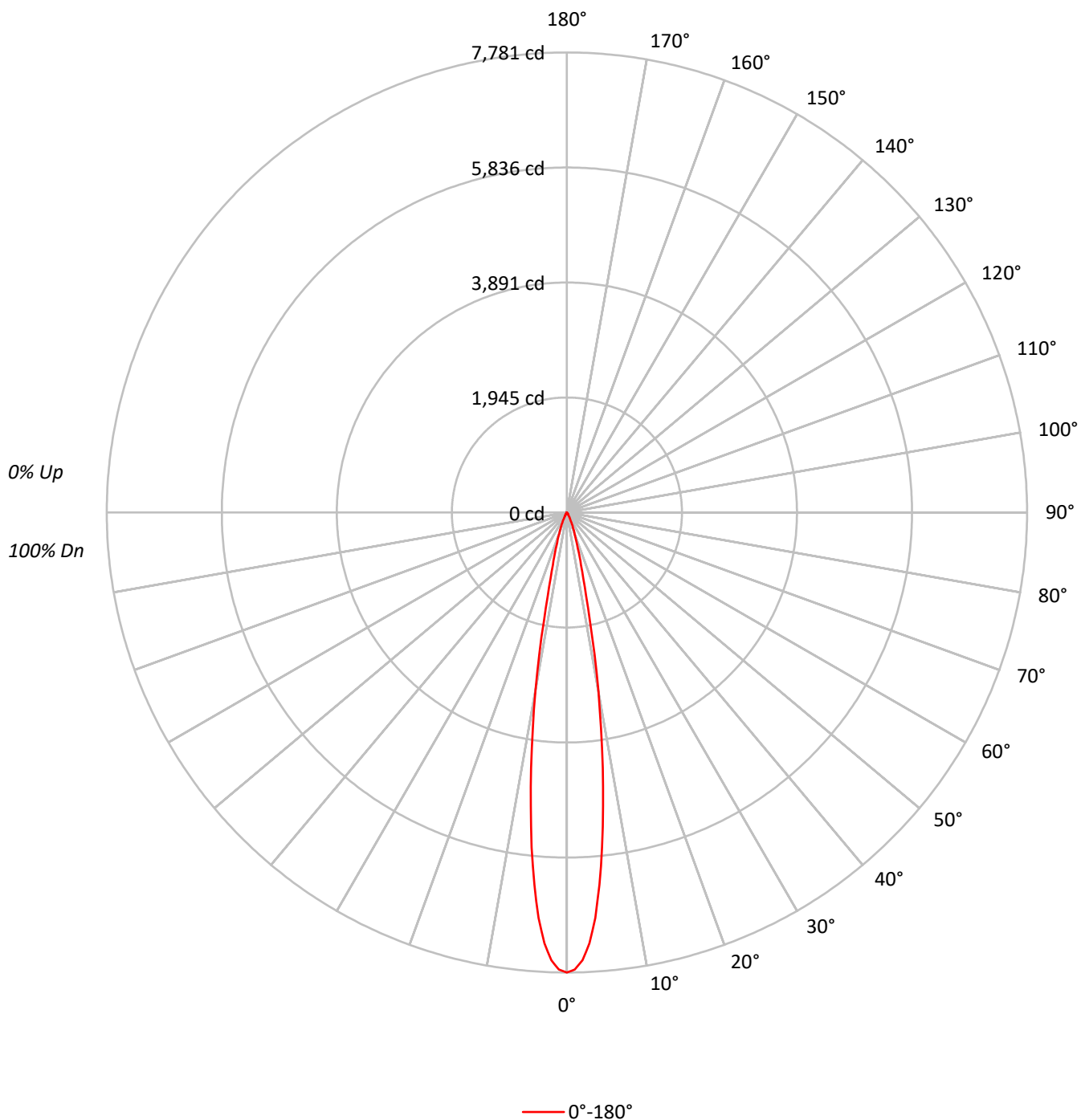
Lumens per Lamp: N/A
Luminaire Lumens: 895.9 lumens
Efficiency: N/A
Efficacy: 72.8 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1706223
5°	1391302
10°	681372
15°	208560
20°	88324
25°	39946
30°	15572
35°	7174
40°	2233
45°	837
50°	341
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 837 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	492.0	54.9
10°-20°	301.9	33.7
20°-30°	81.1	9.1
30°-40°	17.8	2.0
40°-50°	2.5	0.3
50°-60°	0.4	0.0
60°-70°	0.2	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°	875.0	97.7
0°-40°	892.8	99.7
0°-60°	895.7	100.0
0°-90°	895.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	895.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7781	
5°	6321	492
15°	919	302
25°	165	81
35°	27	18
45°	3	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7781.0
1°	7732.4
2°	7576.4
3°	7295.5
4°	6872.5
5°	6320.7
6°	5696.6
7°	5001.5
8°	4362.7
9°	3685.6
10°	3060.1
11°	2441.1
12°	1878.1
13°	1444.6
14°	1143.6
15°	918.7
17.5°	569.4
20°	378.5
22.5°	254.8
25°	165.1
27.5°	97.8
30°	61.5
32.5°	41.4
35°	26.8
37.5°	14.9
40°	7.8
42.5°	4.4
45°	2.7
47.5°	1.7
50°	1.0
52.5°	0.7
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
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):

0°
90° | 0.0

(END OF REPORT)