

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: P1295371

Luminaire Tested: P3A13R15W2N902750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295371
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

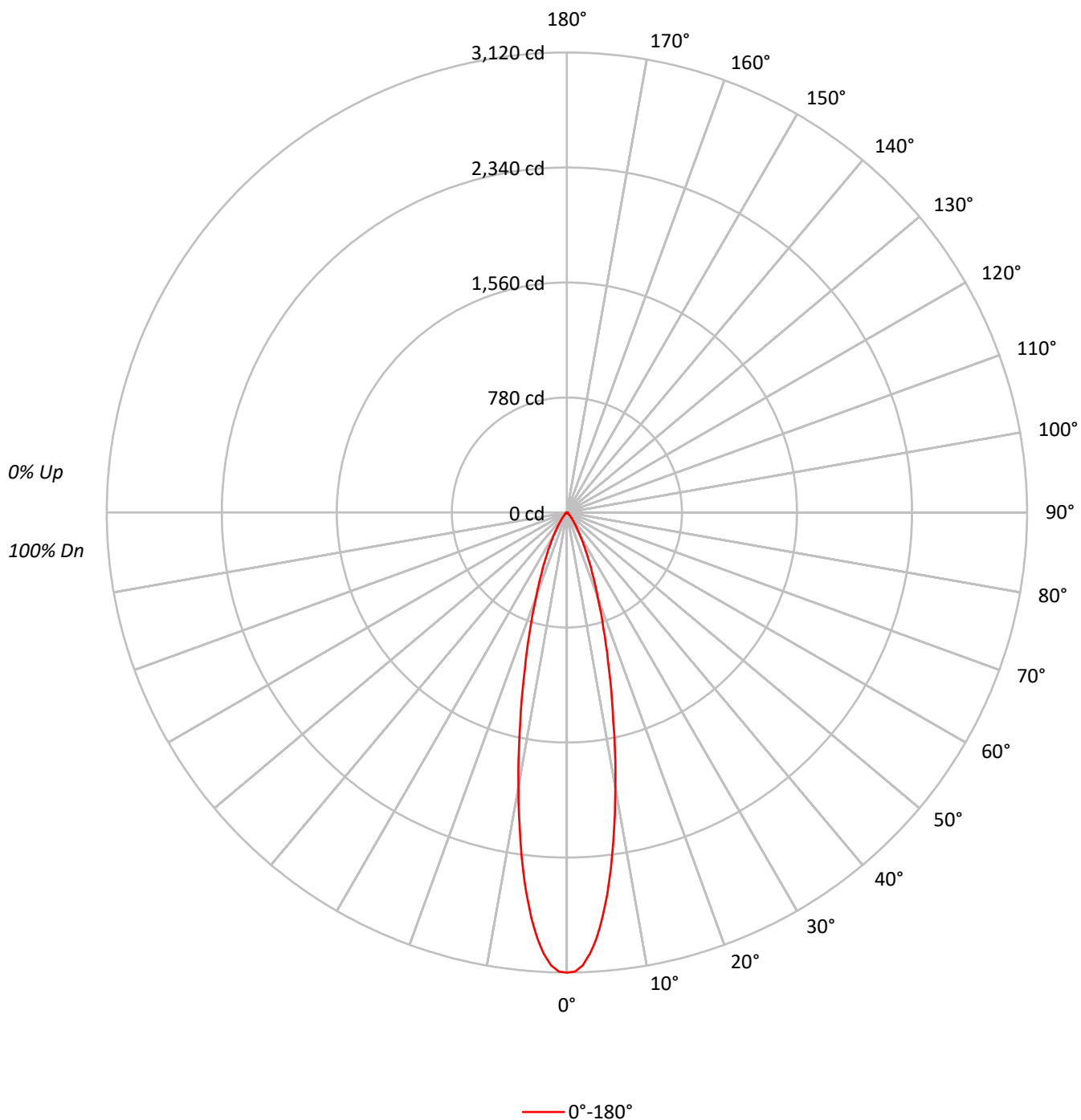
Lumens per Lamp: N/A
Luminaire Lumens: 801.0 lumens
Efficiency: N/A
Efficacy: 65.1 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1295371

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DL1H_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1295371

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DL1H_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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	102	102	102	102	102	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	92	90	88	87	86	85	84	83	82	81	80	79
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	86	85	84	83	82	81	80	79	78	77	76
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	84	83	82	81	80	79	78	77	76	75	74	73
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	79	78	77	76	75	74	73	72	71	70	69
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	76	75	74	73	72	71	70	69	68	67	66
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	73	72	71	70	69	68	67	66	65	64	63
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	71	70	69	68	67	66	65	64	63	62	61
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	68	67	66	65	64	63	62	61	60	59	58
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	66	65	64	63	62	61	60	59	58	57	56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	684265
5°	607394
10°	421814
15°	249445
20°	142066
25°	81222
30°	44944
35°	23958
40°	13253
45°	7164
50°	4469
55°	3555
60°	3026
65°	2802
70°	2500
75°	2626
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7164 cd/sqm

TEST NUMBER: P1295371

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DL1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.6	29.3
10°-20°	309.7	38.7
20°-30°	159.5	19.9
30°-40°	59.9	7.5
40°-50°	19.6	2.4
50°-60°	8.4	1.1
60°-70°	5.3	0.7
70°-80°	3.2	0.4
80°-90°	0.8	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°	703.8	87.9
0°-40°	763.6	95.3
0°-60°	791.7	98.8
0°-90°	801.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	801.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3120	
5°	2759	235
15°	1099	310
25°	336	159
35°	90	60
45°	23	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1295371

CATALOG NUMBER: P3A13R15W2N902750DE010 E3DL1H_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	3120.5
1°	3114.3
2°	3073.4
3°	2995.5
4°	2892.9
5°	2759.4
6°	2608.1
7°	2442.2
8°	2257.8
9°	2075.7
10°	1894.4
12.5°	1457.6
15°	1098.8
17.5°	822.6
20°	608.8
22.5°	454.5
25°	335.7
27.5°	244.6
30°	177.5
32.5°	125.8
35°	89.5
37.5°	64.0
40°	46.3
42.5°	33.2
45°	23.1
47.5°	17.0
50°	13.1
52.5°	10.8
55°	9.3
57.5°	7.7
60°	6.9
62.5°	6.2
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)