

# LED T8 Aluminum Dual Mode SERIES

Work with or without ballast



## Aluminum Dual Mode Tube Description :



It is 4 foot aluminum housing LED T8 hybrid tube 15W.

It is ballast compatible, direct replacement for electronic ballasted fluorescent tubes.

It is ballast bypass, it can wire directly with 100-277V AC line voltage.

## Hybrid Tube Feature :

Works 2 ways (Dual Mode) :

- Ballast Compatible (work with ballast)
- Ballast Bypass (work without ballast)

Connection : 2-End-Input

Tube Size : 4 foot (48 inch)

Power : 15 watts

Tube housing : Aluminum

PC Lens : Frosted/Clear

Illumination Angle : 180°

Led Driver : Internal

Dimming : non-dimmable

End Caps : G13 bi-pins

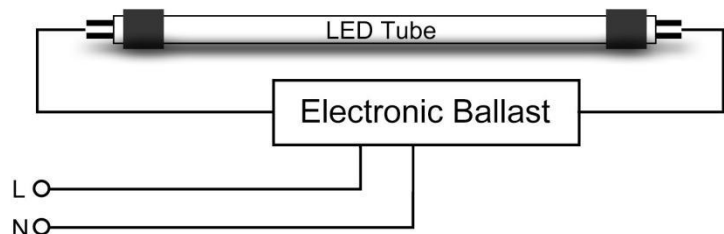
Lifespan : 50000 hours

Warranty : 5 Years

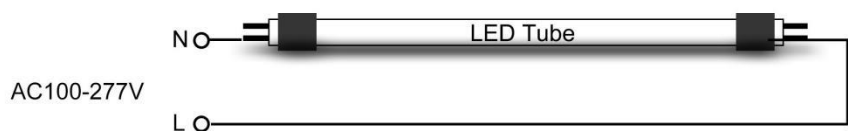
Certificates : UL, DLC 4.2

## Hybrid Tube Installation :

1. Ballast Compatible : directly replace electronic ballasted fluorescent tube



2. Ballast Bypass : directly install LED Tube in a fixture without ballast



**Hybrid Tube Specifications:**

Model	CCT	Size	Watt	Lumen	End Cap	Connection	Input Voltage	PF	CRI
CPS-T8-ADM-4-15W-UL-F-50	5000K	4'	15W	1800	G13	2 End	Ballast or AC100-277V	≥0.9	≥80
CPS-T8-ADM-4-15W-UL-F-40	4000K	4'	15W	1800	G13	2 End	Ballast or AC100-277V	≥0.9	≥80
CPS-T8-ADM-4-15W-UL-F-30	3000K	4'	15W	1800	G13	2 End	Ballast or AC100-277V	≥0.9	≥80

**Ballast Compatibility List for CPS-T8-ADM-4-15W-UL-F**

Number	Brand	Model	Compatibility
1	Advance-Philips	IOP-2P32-LW-N	OK
2	Advance-Philips	IOP-4P32-LW-N	OK
3	Advance-Philips	IOP-2P32-HL-N	OK
4	Advance-Philips	ICN-3P32-N	OK
5	Advance-Philips	ICN-4P32-N	OK
6	Advance-Philips	REB-4P32-SC	OK
7	Advance-Philips	IOPA-3P32-N	OK
8	Advance-Philips	IOPA-4P32-N	OK
9	Advance-Philips	IOPA-3P32-SC	OK
10	Advance-Philips	IOPA-3P32-LW-N	OK
11	Advance-Philips	ICN-3P32-SC	OK
12	Advance-Philips	REB-2P32-SC	OK
13	Sylvania osram	QTP 2X32T8/UNV ISN-SC	OK
14	Sylvania osram	QTP 3X32T8/UNV ISN-SC	OK
15	Sylvania osram	QTP 4X32T8/UNV ISN-SC	OK
16	Sylvania osram	QHE 1X32T8/347 ISN-SC	OK
17	Sylvania osram	QHE 2X32T8/UNV ISN-SC	OK
18	Sylvania osram	QTP 1X32T8/UNV ISN-SC	OK
19	Sylvania osram	QHE 1X32T8/UNV ISL-SC	OK

20	Sylvania osram	QHE 2X32T8/UNV ISL-SC	OK
21	Sylvania osram	QHE 4X32T8/UNV ISN-SC	OK
22	Sylvania osram	QHE 1X32T8/UNV ISN-SC-1	OK
23	Sylvania osram	QHE 2X32T8/UNV ISL-SC-1	OK
24	GE PROLINE	GE-332-120-N	OK
25	GE PROLINE	GE-432-120-N	OK
26	GE PROLINE	GE-232-MV-N	OK
27	GE PROLINE	GE232-120RES-DIY	OK
28	GE PROLINE	GE232-120RESDIYB	OK
29	GE PROLINE	GE432-120RESDIYB	OK
30	GE PROLINE	GE332MV-N-DIY	OK
31	GE ULTRA MAX	GE232MAX347-N	OK
32	GE ULTRA MAX	GE132MAX-L/ULTRA	OK
33	GE ULTRA MAX	GE232MAX-G-N	OK
34	GE ULTRA MAX	GE332MAX-G-N	OK
35	GE ULTRA MAX	GE232MAX-G-N-DIYB	OK
36	GE ULTRA MAX	GE332MAX-G-N-DIYB	OK
37	GE ULTRA MAX	GE432MAX-G-N-DIYB	OK
38	GE ULTRA MAX	GE132MAXP-N/ULTRA	OK
39	GE ULTRA MAX	GE232MAXP-H/ULTRA	OK
40	GE ULTRA MAX	GE432MAXP-H/ULTRA	OK
41	GE PROLINE	GE432-120RES-DIY	OK
42	GE PROLINE	GE232MV-N-DIY	OK
43	GE PROLINE	GE332MV-L	OK
44	GE PROLINE	GE432MV-N	OK
45	GE ULTRA MAX	GE432MAX-N/ULTRA	OK
46	GE ULTRA MAX	GE432MAX-H/UITRA	OK
47	GE ULTRA MAX	GE432MAX-G-N	OK
48	GE ULTRA MAX	GE332MAX90-V60	OK

49	Sunpark	U-2/32ISE	OK
50	Sunpark	U-3/32ISE	OK
51	Sunpark	U-4/32ISE	OK
52	Sunpark	U-2/32ISE-LBF	OK
53	Sunpark	120-3/32IS MPF	OK
54	HOWARD INDUSTRIES	EP2/32IS/MV/MC/HE	OK
55	HOWARD INDUSTRIES	EP3/32IS/MV/MC/HE	OK
56	HOWARD INDUSTRIES	EP4/32IS/MV/MC/HE	OK
57	HOWARD INDUSTRIES	EPL3/32IS/MV/SC/HE	OK
58	Plusrite	BAF232IS/MV	OK
59	Plusrite	BAF332IS/MV	OK
60	PowerMaster	PM-2X32T8-UNV-IS-L	OK
61	Universal Triad	B132IUNVHP-N	OK
62	Universal Triad	B232IUNVHP-N	OK
63	Universal Triad	B332IUNVHP-A	OK
64	Universal Triad	B432IUNVHP-A	OK
65	Universal Triad	B232IUNVHP-B	OK
66	Fulham WORKHORSE	WH5-120-L	OK
67	Fulham WORKHORSE	WHSG1-UNV-T8-IS	OK
68	Fulham WORKHORSE	WHSG4-UNV-T8-IS	OK
69	Fulham WORKHORSE	WHCG2-120-T8-IS	OK
70	ESPEN	VE2P32MVHIPE	OK
71	ESPEN	VE3P32MVHIPE	OK
72	ESPEN	VE4P32MVHIPE	OK
73	ESPEN	MODEL:VE232MVHIPE	OK
74		EB-232IS-120-RES	OK
75	KEYSTONE	KTEB-232RIS-1-TP-SL	OK
76	KEYSTONE	CAT.NO.KTEB-432-UA-IS-N-P	OK
77	RADIONIC	CAT.NO.E232H12	OK

78	Prolume	EP232IS/L/MV/SL	OK
79	Robertson	ISU232T8120	OK

**Notice : We have provided this ballast compatibility list for guidance when select a ballast. 15w LED aluminum dual mode tubes were tested compatible with above ballasts. Please only use ballast on attached list or direct wire only. It is suggested to perform a test before install of large amounts of 15w LED tubes. Do not use with high output ballast.**

## **Installation:**

Turn power off.

When installing any CPS led tube light, please do not install from the center of the tube.

For proper seating and lamp safety, the LED lamp is required to be installed by holding each end of the tube caps and rotating the lamp into the lamp holder on each end.

Please make sure the lamp is seated correctly in the lamp holder for proper contact between the lamp pins and the lamp holder.

Not installing the lamp as directed could lead to improper seating, lamp failure and possible fire.

Once installed properly turn power back on and make sure there is good contact on all lamps.

Please remove the lamp if there is any buzzing, blinking, or the lamp will not turn on and replace with a new lamp.

This luminaire has been modified to operate LED lamps. Do not attempt to install or operate fluorescent lamps in this luminaire. This label must be applied to any fixture retrofitted without a ballast.

LED Tube Model :CPS-T8-ADM-4-15W-UL-F-40, CPS-T8-ADM-15W-UL-F-50

UL Listed : E474306



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