

T-tube™

Dimmable fluorescent LED tube T8



Dimmable

T-Tube is compatible with **triac dimmer**, it is upgraded version CFL tube replacement with LED. It has the best configuration of brightness and power efficiency.

T-tube™ is designed to replace medium bi-pin T8 and T12 fluorescent tubes. T-tube™ fits directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. T-tube™ is optimized to provide light outputs comparable to fluorescent and delivers the immediate benefits of white-LED lighting; long lifetimes, no maintenance, high efficiency, no mercury, no recycling, no flickering, no buzzing, instant start, cold temperature operation, and high quality light. It provides energy savings of up to 75% over fluorescent applications that require long hours with low occupancy rates such as stairwells, corridors, warehouses, and remote locations. The high quality T-tube™ replacement tube is constructed from extruded aluminum to provide a virtually unbreakable, vandal proof lighting solution.

Why our T-tube™?

- Much longer life than CFL tube: min. 10 years (suppose that light is on 8 hours per day)
- 70%~80% Energy-saving over Fluorescent tubes
- Solid State, high shock/vibration resistant
- Work without ballast, Instant soft-start
- No RF interference, No flickering or buzzing
- Quick and easy installation to minimize retrofit costs
- Minimum maintenance costs, Produce little Heat
- No Mercury and other hazardous materials, fully RoHS-compliant
- Continuous operation for white LEDs (10 years for other colors)
- Rated to operate from -4°F to 104°F [-20°C to 40°C], perfect for environments with extreme climates
- Epistar+Intermatix LED packaging solution, no patent trouble
- The newest design
- The best cost-effective
- Complete electricity isolation design, safety prove
- ETL certification

Technical Parameters

- Standard length 60cm, 120cm and 150cm.
- Rated input voltage :AC200-240V 50-60Hz.
- PF (power factor) >0.9.
- Light efficiency > 95 lm/W (clear and wave cover)
- PF (power factor) >0.9.

Applications



parking lot



residential



warehouse



signage



office

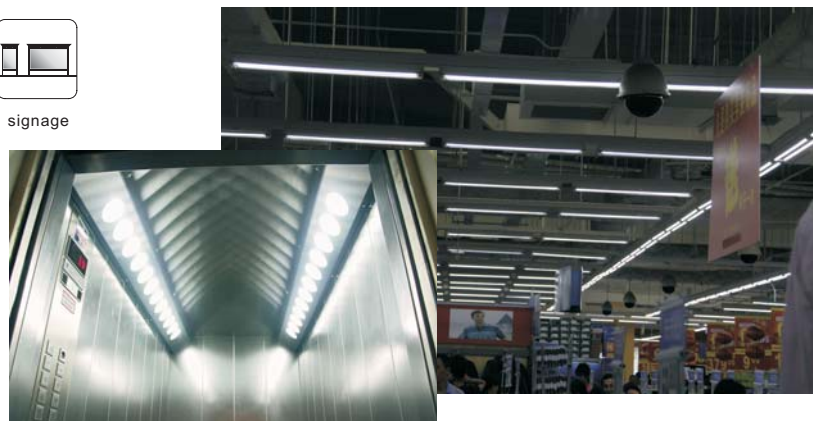


railway station

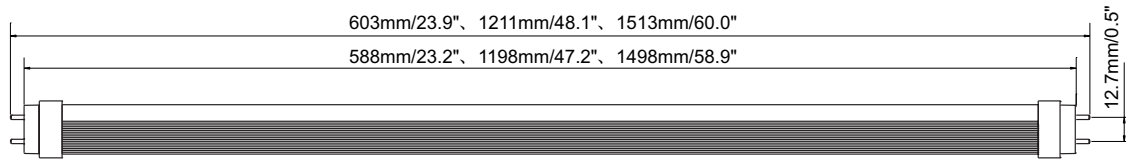


bus

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Dimensions (Unit: mm/inch)



Specifications

T-tube™ has 3 types according to its front shells.



wave cover



frosted cover



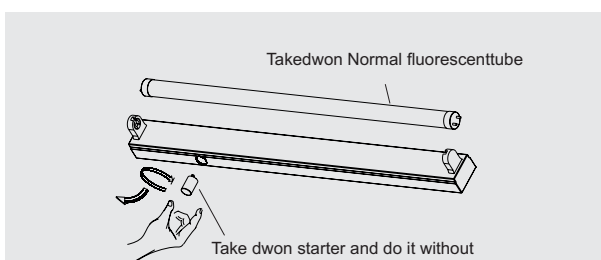
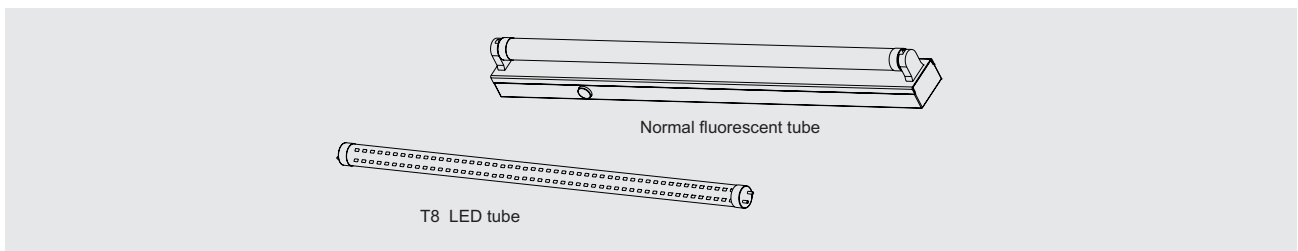
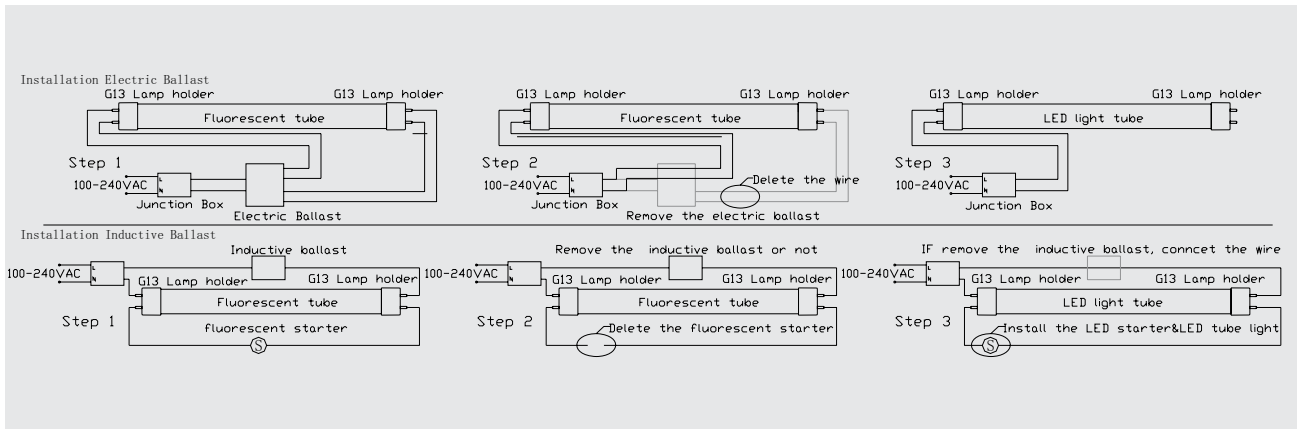
clear cover

Type	Model number	Color	voltage	Length (cm)	Power (W)	Light output (lm)	LED Q'ty	PF		
Wave cover	TT8-012-AH-W-01W	White	AC200-240V 50Hz	60	12	1017	144	≥0.9		
	TT8-012-AH-WW-01W	Warm white				988				
	TT8-012-AH-NW-01W	Natural white				990				
	TT8-025-AH-W-01W	White		120	25	2304	288			
	TT8-025-AH-WW-01W	Warm white				2186				
	TT8-025-AH-NW-01W	Natural white				2188				
	TT8-034-AH-W-01W	White		150	34	3150	384			
	TT8-034-AH-WW-01W	Warm white				2865				
	TT8-034-AH-NW-01W	Natural white				2992				
Frosted cover	TT8-012-AH-W-01F	White		AC200-240V 50Hz	60	12	884		144	≥0.9
	TT8-012-AH-WW-01F	Warm white					841			
	TT8-012-AH-NW-01F	Natural white					852			
	TT8-025-AH-W-01F	White			120	25	1917		288	
	TT8-025-AH-WW-01F	Warm white					1824			
	TT8-025-AH-NW-01F	Natural white					1860			
	TT8-034-AH-W-01F	White			150	34	2701		384	
	TT8-034-AH-WW-01F	Warm white					2452			
	TT8-034-AH-NW-01F	Natural white					2565			
Clear cover	TT8-012-AH-W-01C	White	AC200-240V 50Hz	60	12	1057	144	≥0.9		
	TT8-012-AH-WW-01C	Warm white				1003				
	TT8-012-AH-NW-01C	Natural white				1060				
	TT8-025-AH-W-01C	White		120	25	2280	288			
	TT8-025-AH-WW-01C	Warm white				2240				
	TT8-025-AH-NW-01C	Natural white				2340				
	TT8-034-AH-W-01C	White		150	34	3129	384			
	TT8-034-AH-WW-01C	Warm white				2865				
	TT8-034-AH-NW-01C	Natural white				2972				

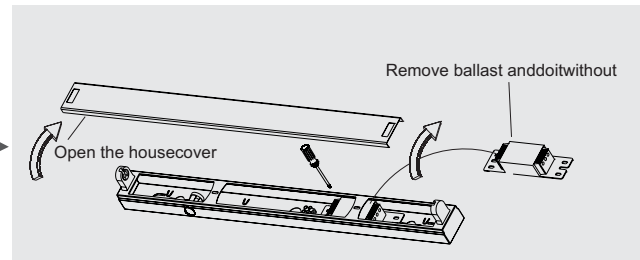
Absolute Maximum Rating

Parameter	Rating	TT8-012-AH	TT8-025-AH	TT8-034-AH	Units
Aluminum Heat sink Temperature		58	65	64	C
Operating Temperature		-20~+40			C
Storage Temperature		-40~+85			C
Equilibrium Temperature		55	57	48	C

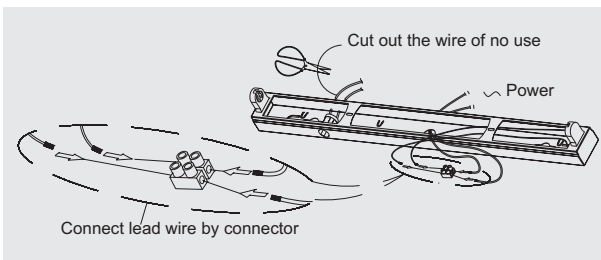
Installation Drawing



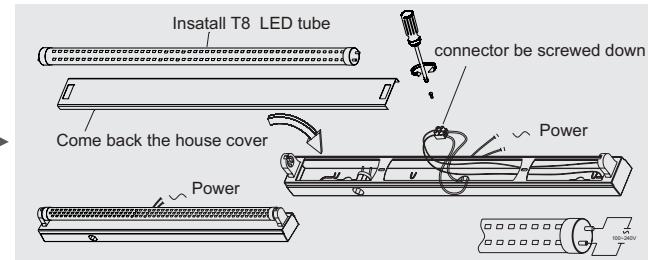
Step 1



Step 2



Step 3



Step 4

Signcomplex Limited Warranty

Signcomplex warrants this product ("Product") against defects in material or workmanship for a period of three years from the date of purchase. If this Product is determined to be defective, Signcomplex will repair or replace the Product, at its option. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone than a facility authorized by Signcomplex to service the Product.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. Signcomplex shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this Product except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on this Product is limited in duration to the duration of this limited warranty.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Only Signcomplex may change, amend or modify the terms of this Limited Warranty and any such change, amendment or modification shall be in writing and is sued by Signcomplex. To obtain warranty service and shipping information call +86 755 2760 8650 or e-mail info@signcomplex.com. You must provide proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the Product is within the warranty period to obtain warranty service. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties provision outlined in this document.

