



LED Tube (HE)

World Transformer of Energy Efficient
and Cost Effective Solution

Approved by Suruhanjaya Tenaga (ST) & SIRIM



Features

- Up to 50% energy saving compared to fluorescents
- Long lifetime up to 50,000hrs
- High quality polycarbonate material
- Easy installation
- No mercury material or UV radiation
- Low power consumption of 14W for a 4 foot unit
- Lumen Maintenance Factor: L(70)
- Failure Fraction: F(50) 50,000Hrs
- Flickering value (PstLM): 1
- Stroboscopic effect value (SVM): 0.4
- Photobiological safety according to IEC62471: RG0



Industrial



Hospitality



Retail



Office



Commercial



Residential

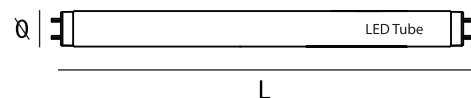
Warning Notice

- Do not replace conventional LFL directly with LED T8 tube.
- New Luminaire, LED T8 needs rewiring the fixture.
- LED T8 Tube only compatible with a magnetic ballast or direct connection to 200-240V, 50/60Hz mains supply.
- The lamp is not suitable to be used in emergency luminaires designed for double-capped fluorescent lamp(s).

Benefits

- Considerably lower energy cost
- Easy and flexible installation
- Environmental friendly
- Excellent high power, high output and efficacy of over 130 lm/W

Dimension



Model No.	Colour Temp. (CCT)	Type	Lampholder	Input Voltage	B. Angle (°)	Power Factor (PF)	Power (W)	Lumen (lm)	Efficiency (lm/W)	Size (ØxL) (mm)
RLASJLP821123	3000K	Core Level 3	G13	200-240V 50/60Hz	160	>0.90	8	1100	138	26 x 588
RLASJLP821124	4000K									
RLASJLP821126	6500K									
RLASJLP842123	3000K						14	2100	150	26 x 1198
RLASJLP842124	4000K									
RLASJLP842126	6500K									
RLASJLP853423	3000K						23	3400	148	26 x 1500
RLASJLP853424	4000K									
RLASJLP853426	6500K									

* Dimming not allowed, not for use with electronic ballast gear.

*All LED component are subject to the LED component manufacturers warranty terms and condition.

*SJ Lite reserves the right to change and amend the specification without prior notice.



User Manual

T8 LED Lamp

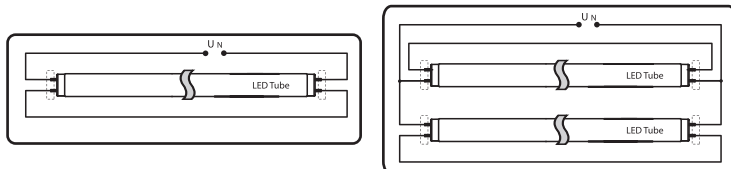


Always have a qualified electrician to do your electrical work!
Switch off power before starting the installation!

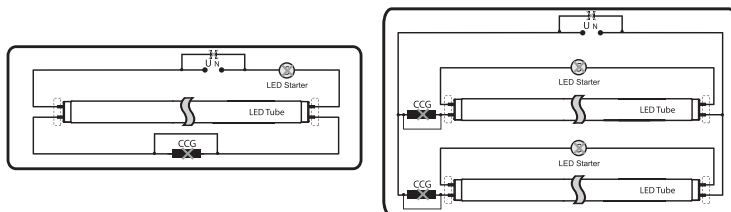
Instructions for mounting:

Schematic steps for removing a fluorescent lamp and inserting a double-capped LED lamp

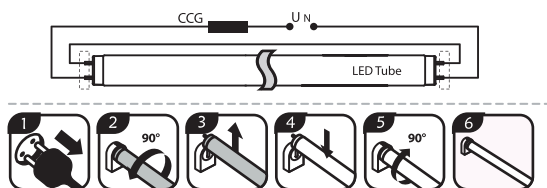
a) The wiring method for the new fixture (Complete Fixture)



b) The wiring method for the old fixture / Retrofit (Used more than 5 years)



c) The wiring method for replacing CCG



Notice:

This lamp is designed for general lighting service (excluding eg. explosive atmospheres)
LED T8 Tube only compatible with a magnetic ballast wiring direct connection to 200V/240V 50/60hz mains supply
The lamp is not suitable to be used in emergency luminaires designed for double-capped fluorescent lamp(s).
If use totally enclosed fixtures it may shorten product's life span, caused the thermal issue.

The overall energy efficiency and light distribution of installed lamps are determined by the design of the installation.
Existing power factor compensation capacitors worsen the power factor, please simply remove the capacitor if it is in parallel with the EM ballast.

588/1198/1500mm L-Tube suitable for G13 Base Socket
Replacement: 588/1198/1500mm 8W/14W/23W replace fluorescent lamp 18W/36W/58W
Packing details: LED tube, User manual

Installation instructions

- (1) Switch off electricity.
- (2) and (3) Remove the conventional lamp and capacitor if available
- (4) Insert the LED lamp into the lamp holder.
- (5) Secure it in position by turning the lamp 90°.
- (6) Switch on electricity.

Warning:

Any modification of the light fitting when installing the LED lamps is not permitted.
Please do not install this Magnetic ballast compatible LED tube using a glow starter.
Please do not install this Magnetic ballast compatible LED tube using a direct connection to an AC source.
Please do not install this LED T8 Lamp in a luminaire with an electronic ballast.
Please do not install this magnetic ballast compatible LED tube using another independent LED driver.
Please do not replace with a different type of LED tube! Risk of electrical shock!
Series magnetic ballast wiring connection is not permitted when installing this product.
Do not use this product in outdoor areas.
For dry locations only - not for use where exposed to the weather.
Turn off power before installing or replacing lamp.
Do not touch this product with wet hands.
Do not look directly at the lamp when being used.
Do not disassemble, repair or alter in any way.



Lamp to be used in dry condition or in a luminaire that provides protection.



Do not use with Dimmers.



This lamp is not suitable for use in a emergency luminaire



This Lamp is suitable for 50Hz or 60Hz operation.

"This lamp may not be suitable for use in all application where a traditional fluorescent lamp has been used. The temperature range of this lamp is more restricted. In cases of doubt regarding the suitability of the application the manufacturer of this lamp should be consulted."

Disclaimer:

SJ Lite does not accept liability for any damages for installations not performed according to this guide or not performed by a professional electrician.

Model Name	Power consumption	Rated Current	Size	CCT
RLASJLP821123	8W	0.045A	D26 x L588mm max	3000K
RLASJLP821124	8W	0.045A	D26 x L588mm max	4000K
RLASJLP821126	8W	0.045A	D26 x L588mm max	6500K
RLASJLP842123	14W	0.085A	D26 x L1198mm max	3000K
RLASJLP842124	14W	0.085A	D26 x L1198mm max	4000K
RLASJLP842126	14W	0.085A	D26 x L1198mm max	6500K
RLASJLP853423	23W	0.125A	D26 x L1500mm max	3000K
RLASJLP853424	23W	0.125A	D26 x L1500mm max	4000K
RLASJLP853426	23W	0.125A	D26 x L1500mm max	6500K