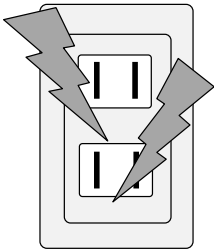


# Caution when Installing the Product

Keep the followings to prevent damages, electric shock, fume and fire.

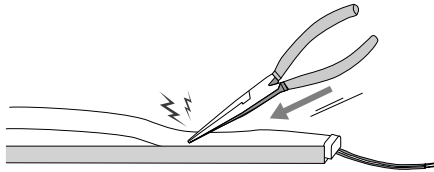
Do not connect to AC power.

**NG!**



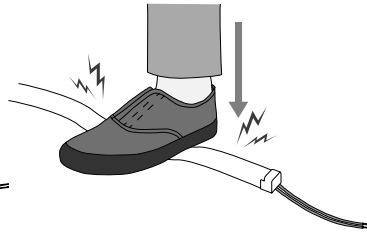
Do not use a tool with sharp point.

**NG!**



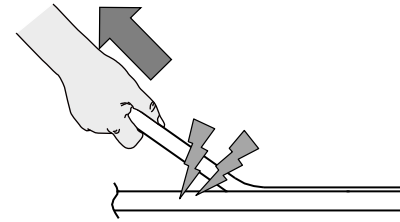
Do not tramp on or strike the product.

**NG!**

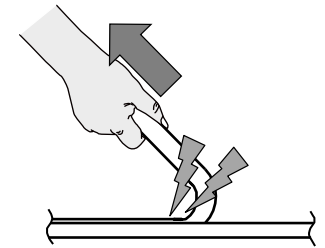


Do not pull out the product diagonally from the channel.

**NG!**

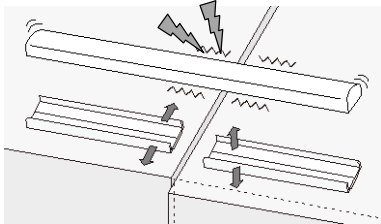


**NG!**



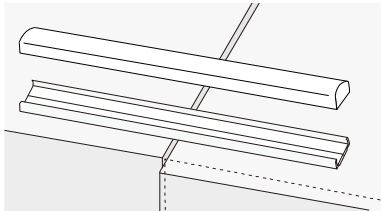
Do not separate the channel at the gap of mounting base.

**NG!**



Vibration or misalignment of the base may cause a damage of the product!

**OK**

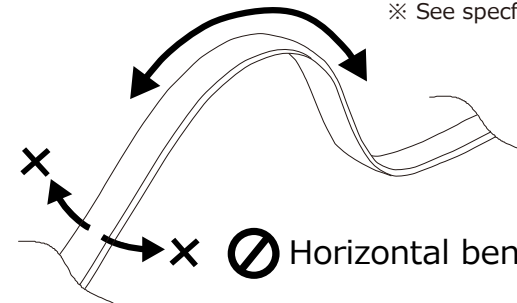


The channel can suppress vibration and misalignment of the base, and prevents a damage of the product.

Do not bend the product toward horizontal direction.

**OK** Vertical bending is OK

※ See specification for bending radius.



**NG!** Horizontal bending is NG!

# Tape Light Slim Instruction Manual

For Keeping

atex

We appreciate for your purchasing the product. Please carefully read this manual to install the product correctly and safely.

※The contents described on this manual are subject to change without prior notice.

ZTE2TLS

Ver.20240418

## Warning

Read this section carefully to prevent electrical shock, fire and other hazard.

- Qualifications are required to do electrical works. Check the laws of your country.
- Input voltage is 24V DC only. Do not apply other voltage such as AC power.
- Do not disassemble or alter the product.
- Turn off the power before installing or handling the product.
- Do not put screws into the products directly. It will cause damages. Please refer to "Installation Method".
- Please do not perform the following actions on the product.
  - Excessive bending and twisting of the product.
  - Dropping and strongly striking the product.
- Do not install or handle the product with wet hands.
- The temperature rise of the product is influenced with the capacity and the distance from housing. Ambient temperatures must remain the product specification. This product should not be installed in the following places.
  - Places where water is continuously splashed or underwater. (This product is IP67 rated)
  - Places where moisture tends to remain.
  - Places with high temperature and humidity, such as bathrooms and saunas.
  - Places with large vibrations and shocks.
- Clean and inspect the product on a regular basis. Leaving the product for a long period of time may cause smoke, fire, or electric
  - Voluntary inspection and cleaning (once a year).
  - Inspection and cleaning by specialists such as an electrician (once every three years).
- The product cannot be used in the atmosphere of corrosive gas and flammable gas, like the following.
  - Area with synthetic rubbers, cardboards, and other materials containing Sulphur.
  - Area with hot springs containing Sulphur.
- If there is any trouble with the product, please immediately turn off the power and contact the dealer or installer.
- The product can not be cut at site.

## Precautions

- Please be careful that eyes might be hurt when you look straight at light emitting part.
- Please be careful about static electricity. It will damage LED's.
- The product is vertical bending type. Please do not bend the product toward horizontal direction. It may cause the failure.
- Do not install the lead wires with tension. It may cause the failure.
- Please note that there is some variation in color among LED's.
  - The white of RGB LED, and the white of single-color LED's is different in hues.
  - The balance of emitted light color may change over time.

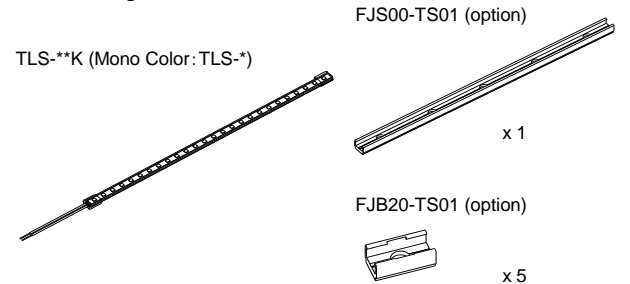
## Specification

Tape Light Slim : TLS-**K (Mono Color: TLS-*)	
Product Number	- : Standard type. Lead wires at single end. W: Lead wires at both ends.
**(:) : Color Temperature	22 25 28 30 35 40 50 R B 2200K 2500K 2800K 3000K 3500K 4000K 5000K Red Blue
Input Voltage	DC24V ±5%
Power Consumption	2200K~5000K: 5W/m , Red, Blue: 8W/m
Operating Environment	Indoor / Outdoor -10~55 °C. IP67 rated.
Dimensions	Refer to dimensional drawing.
Weight	60 g / m
Bending Radius	R30 mm or more. Vertical bending only.
LED Pitch	9.5 mm

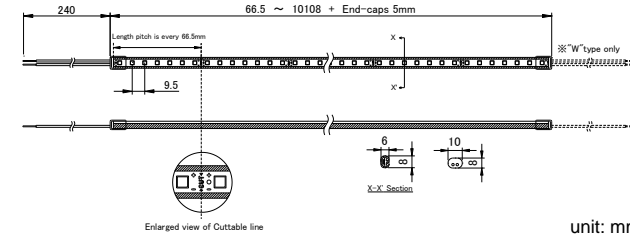
## Options

Product Name	Product Number	Remarks
Poly carbonate Rigid Channel	FJS00-TS01	1 pcs. L = 1000 mm.
Poly carbonate Mounting Bracket	FJB20-TS01	5 pcs per pack.

## Out looking



## Dimension

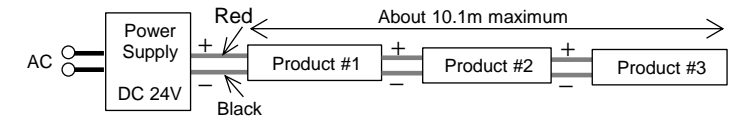


## Wiring Method

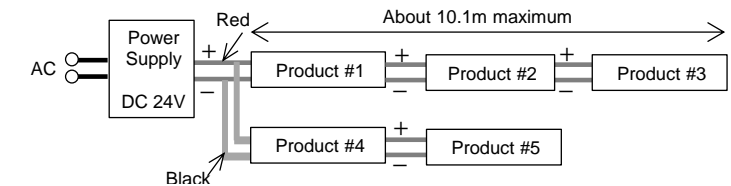
- Total length of serial connected products should be 10.1m or less. If two or more products are used, connect them in parallel so that the serial length does not exceed 10.1 m.
- Confirm the power consumption of the products, and use the power supply that can drive all the products.

## System Diagram

- When total length of the products is 10.1m or less, serial connection is available.

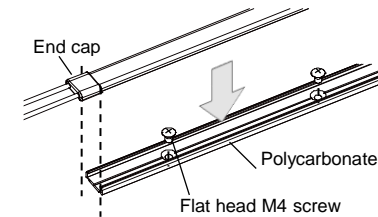


- When total length of the products is more than 10.1m, parallel connection is required.



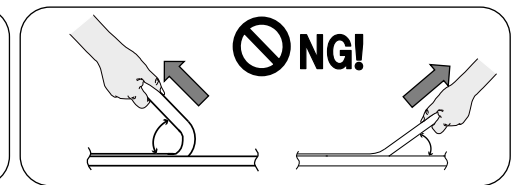
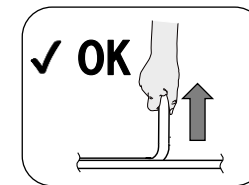
## Installation Method

- Installation with the Polycarbonate Rigid Channel (option).

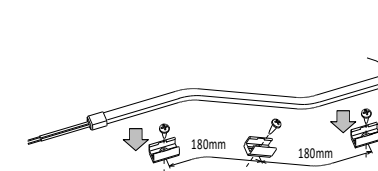


- 1 Cut the rigid channels as needed, and fix them to the location with flat head M4 screws (commercial item). Do not put screws into the products directly. Please fix all screw holes to prevent floating the channel.
- 2 Slide the lamp into the channel except end caps.

- We DO NOT recommend to remove the product from the channel after the installation.
- If reinstalling is necessary, lift up the product slowly and pull it out vertically with your hands.
- DO NOT pull out the product diagonally.



- Installation with the Polycarbonate Mounting Bracket (option).



- 1 Install the product with the Polycarbonate Mounting Bracket (optional) and flat head M4 screws (commercial item). To the bending state of the product, please fix it to the necessary place with a screw. (About 180mm, please be used as an indication of the distance.)