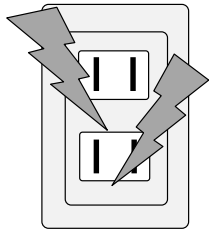


Caution when Installing the Product

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

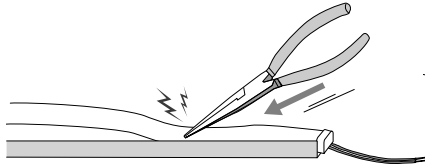
Do not connect to AC power.

NG!



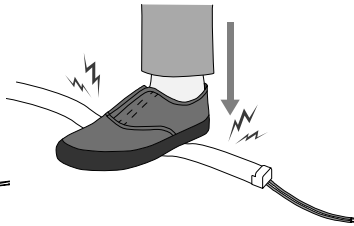
Do not use a tool with sharp point.

NG!



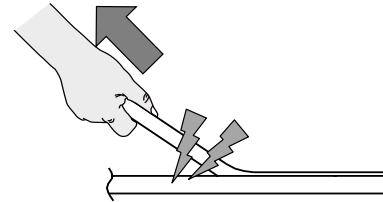
Do not tramp on or strike the product.

NG!

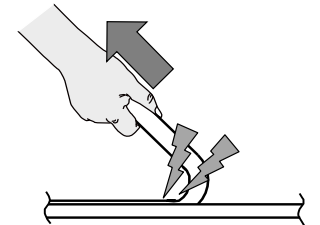


Do not pull out the product diagonally from the channel.

NG!



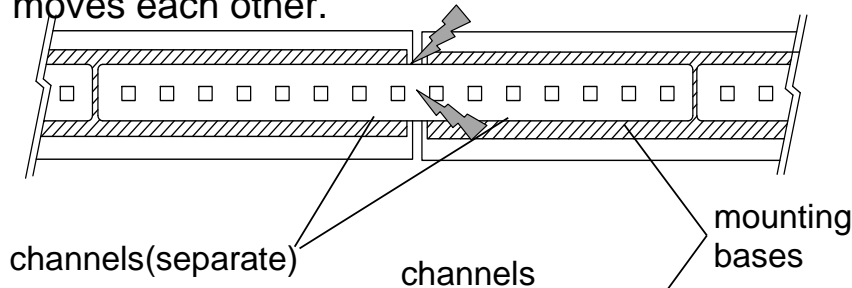
NG!



Do not separate the mounting channels at the gap (joint parts) between mounting bases.

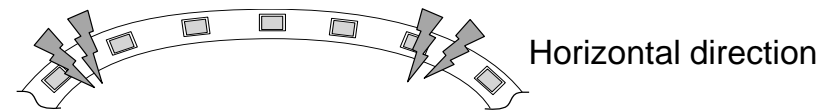
Product may be damaged when gap (joint parts) moves each other.

NG!

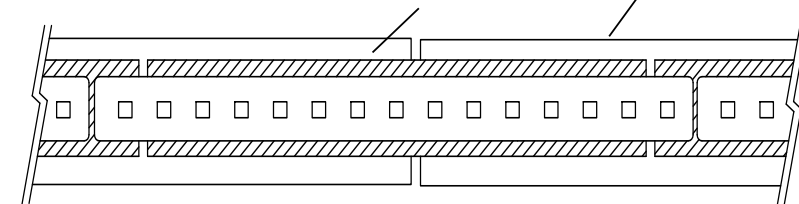


Do not bend the product toward horizontal direction.

NG!

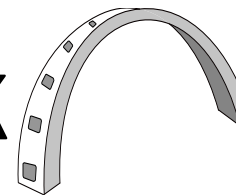


OK



Channel holds the product even gap (joint parts) moves.

OK



Vertical direction.
Bending radius is 30 mm or more.

Tape Light (RGBW/RGB) Installation Manual

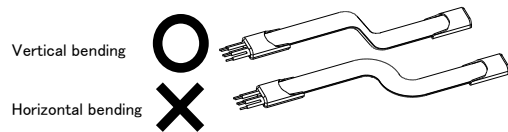
We will appreciate for your purchase of 'Accent Tape Light RGB(W) Color'. Please peruse this manual and install correctly and safely.

Warning

- Electrical works certificate is required to install and inspect this product.
- Input voltage is 24VDC only. Please do not apply other voltage such as AC100 to 230V. It will cause fume or fire.
- Please do not put screws on the products directly. It may cause damages. Please refer to "Installation Guide"
- Please do not perform the following actions on the product. It will cause to decline in water resistant and insulation performance.
 - Excessive bending and twisting of the product.
 - Dropping and strongly striking the product.
- It is dangerous working with wet hands. May cause electrical shock.
- This product is a drip-proof specification. The product should not reside in standing water.
- The product can not be used the place such as "Atmosphere of corrosive gas and flammable gas"Because it may cause troubles. Please do not use the product in the following area.
 - Area with synthetic rubbers and cardboards.
 - Area with the material containing sulphur.
 - Area with atmosphere of sulphur such as hot springs
- If there is any trouble with the product, please immediately turn off the power and contact the dealer or installer.

Precautions

- Please perform installation or removal, after the switch must be turned off.
- Please be careful that eyes might be hurt when you look straight at light emitting part.
- The temperature rise of the product is influenced with the capacity and the distance from housing. When installed, please make sure that you have to keep the required space for installation based on "Notice of Installation". Ambient temperatures must remain the product specification.
- 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.



- Let me turn on the direction of the white of this product with White LED. As for the direction of the white by the lighting, a white balance collapses at the R, G, B same time.
- Please note that there is some variation in color among LED's.

Specification

| Product Specification | | | |
|-----------------------------|---|-------------------|-----|
| Product Name | Tape Light (RGBW/RGB) | | |
| | RGBW type | RGB type | |
| Product No. (Standard type) | TL10-090AM**K (*: White Color Temperature) | TL10-090AM | |
| Product No. ("W" type) | TL10-090AM**KW (*: White Color Temperature) | TL10-090AMW | |
| ** | 28 | 50 | RGB |
| Color Temperature | RGB + W(2800K) | RGB + W(5000K) | RGB |
| Input Voltage | DC24V ±1% *The power supply more than ±1% is unusable | | |
| Power Consumption | 15 W / m | 10 W / m | |
| Environment | Exterior, IP67 rated -10~+55°C | | |
| Dimension | Refer to dimensional drawing. | | |
| Cutting points | 60mm (6 LED) *Customized length order available | | |
| Weight | 115g/m | | |
| Bending Radius | R30mm vertical | | |
| LED pitch | 10 mm | | |

"W" type : Lead wires at both ends.

Accessories (Option)

| Product Name | Product No. | Remarks |
|---------------------|-------------|---|
| PC Rigid Channel | FJS00-22 | Transparent Polycarbonate, Length=1,000mm |
| PC Mounting Bracket | FJB00-21 | Transparent Polycarbonate |

Recommended total length connectable per power supply

| Power supply (DC24V) | Total length of the product | |
|----------------------|-----------------------------|----------|
| | RGBW type | RGB type |
| 60W power supply | ~3.0m | ~4.0m |
| 100W power supply | ~5.0m | ~6.6m |
| 150W power supply | ~7.5m | ~10.0m * |
| 240W power supply | ~12.0m * | ~16.0m * |
| 320W power supply | ~16.0m * | ~21.3m * |

*For multiple systems configuration

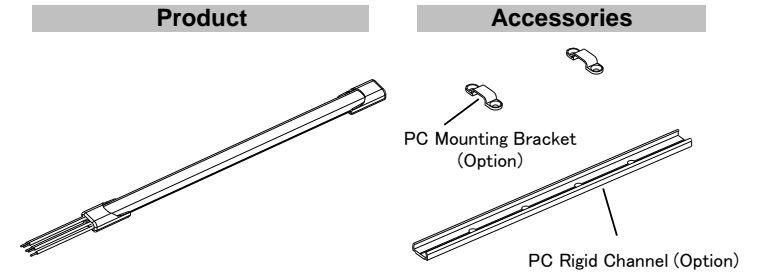
Recommended DMX driver (Option)

| Company | Product No. |
|---------|-----------------------------|
| eldoLED | LIN180D3 (LINEARdrive 180D) |
| | LIN720D3 (LINEARdrive 720D) |

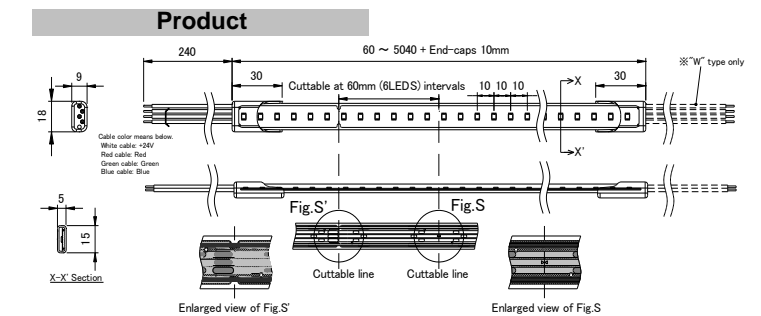
Recommended DMX controllerr (Separate sale)

Please contact to our sales representative.

3D picture



2D picture



※This picture is RGBW type.

Third-angle projection method (Unit : mm)

The RGB type does not have the lead with the white identification tube.

Cutting

- Please do not cut the product at a project site. The water and dust resistance cannot be guaranteed. Then the performance will be reduced.
- If you need the various length for a project site, we recommend to order the product with the customized length.

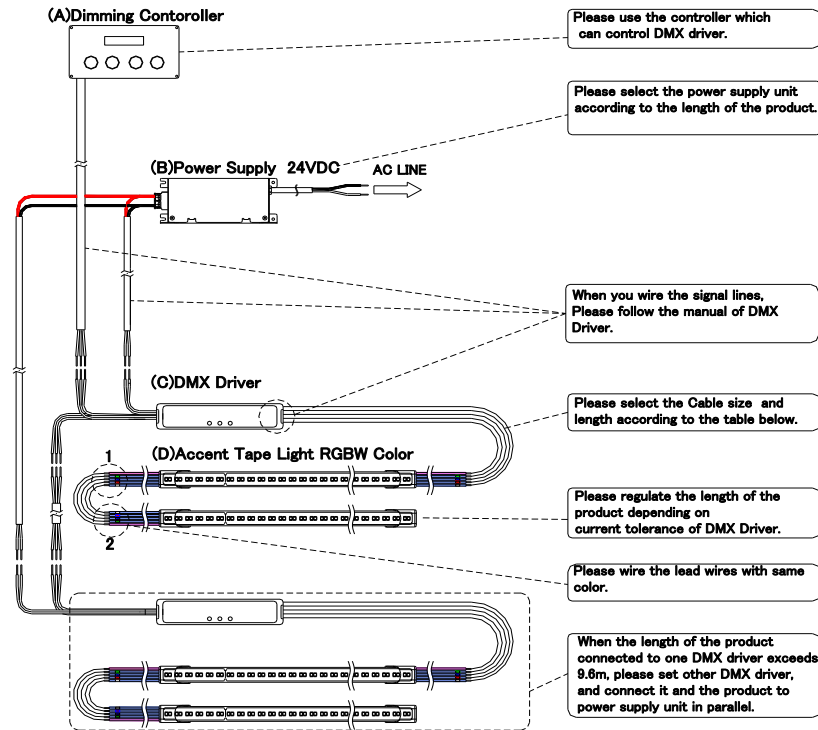
Tape Light (RGBW/RGB) Installation Manual

We will appreciate for your purchase of 'Accent Tape Light RGB(W) Color'. Please peruse this manual and install correctly and safely.

How to Wire

Please wire it as follows.

Please refer to each instruction manual for the wiring method of our DMX receiver.



[Recommended electric wire list]

| Connection point | Cable size | Ampacity(A) ※1 | Max Wire Length(m) ※2 | RGBW type | | RGB type | |
|--|-----------------|----------------|-----------------------|-------------|--------------------------|-------------|--------------------------|
| | | | | Watts (W/m) | Max Unit Connectable (m) | Watts (W/m) | Max Unit Connectable (m) |
| Product power supply line (C)-(D) line | S-VCTF0.75sq-5C | 8.0 | 4 | 20.0 | 8.2 | - | - |
| | S-VCTF1.25sq-5C | 11.0 | 6 | | 9.6 | - | - |
| | S-VCTF2.0sq-5C | 14.0 | 10 | | 9.6 | - | - |
| | S-VCTF0.75sq-4C | 9.0 | 5 | - | - | 9.6 | |
| | S-VCTF1.25sq-4C | 12.0 | 8 | - | - | 9.6 | |
| | S-VCTF2.0sq-4C | 15.0 | 14 | - | - | 9.6 | |

※1 Ampacity varies based on its manufacture.

※2 The current value calculates it in the Max Unit Connectable.

When the product length is shorter than the Max Unit Connectable, Max Wire Length can lengthen it by a proportion calculation.

Caution

Input voltage of the product is DC24.

If wrong voltage is applied to the product, it may cause the malfunction problem.

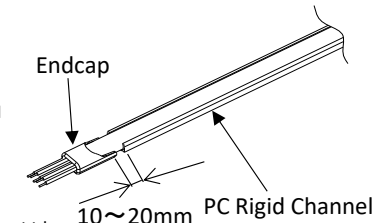
When you use a dimming system on the market, please refer to its installation and handling manual for details.

Installation Guide

Use of PC Rigid Channel

(1) Cut the Channel

Please cut the PC Rigid Channel as needed because it is not available to insert the end cap of the product in the PC Rigid Channel. The insertion of the Endcap to the PC Rigid Channel may cause the failure and the damage. Please have the gap 10~20mm between the Endcap and the PC Rigid Channel.

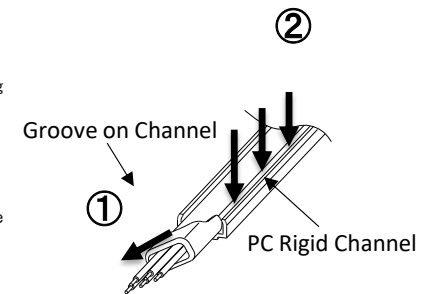


(2) Remove the burr of the channels after cutting

Note that the burr may cause damages.
* electrifications * smoke.

(3) Mount the Channel onto the wall

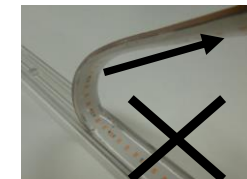
Please mount the PC Rigid Channel on the wall using screws into the screw hole to properly secure it.
Screw : 4.1 Round head screw
Please fix all screw holes to prevent floating the channel.



(4) Install the product into the Channel

① Please install the product with the diagonal line toward groove on the channel as the right drawing.
② After that, please install the products in the channel.
- Please do not constrict LED of the product when installing the product in the channel.

When removing the products from the channel, please reverse the procedure above.



Prohibitions :

Please do not remove the products from the channel with excessive tension as the right photo. It will cause the failure.

Caution

- Please use Atex PC Rigid Channel and Atex PC Mounting Bracket for Accent Tape Light to install.
- Please do not put screws on the products directly. It may cause damages.
- Please do not use a double sided tape and a glue with the products to install.
- Please do not bend the product forward horizontal direction. It may cause the failure.
- The Endcap are processed for water resistant or insulation. Please do not constrict the product to keep the performance.
- Please do not perform the excessive bending or twisting of the lead wires. It will cause the failure and the decline in water resistant performance.

Use of PC Mounting Bracket

Please fix the PC Mounting Bracket in the necessary location with screws.

Recommended pitch is 220mm or less

Recommended screws : 4.1 Round head screw

Please increase the number of the PC Mounting Bracket if needed for installation location at the project site.

The product is vertical bending type.

Bending Radius is 30mm vertical.

