

Warning

When bending horizontally, minimum allowable Bending Radius is 30mm. It is not allowed to bend vertically. It will cause cracks in the solder.

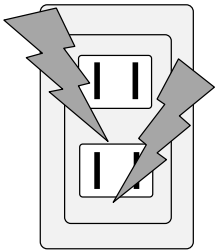
atex

Caution when Installing the Product

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

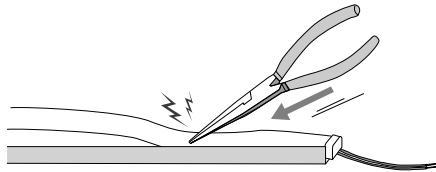
Do not connect to AC power.

NG!



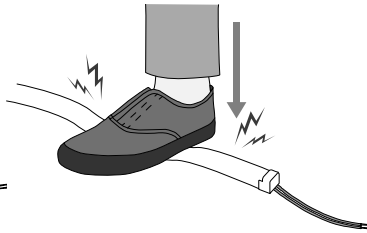
Do not use a tool with sharp point.

NG!



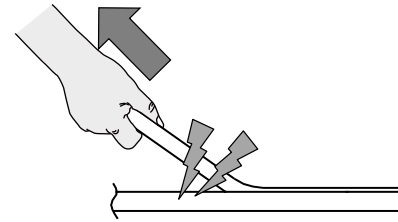
Do not tramp on or strike the product.

NG!

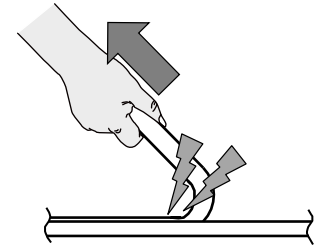


Do not pull out the product diagonally from the channel.

NG!



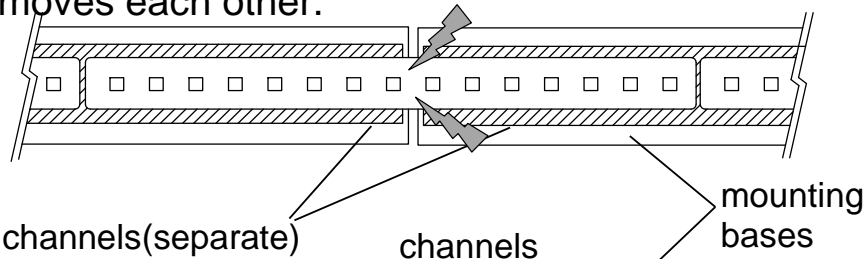
NG!



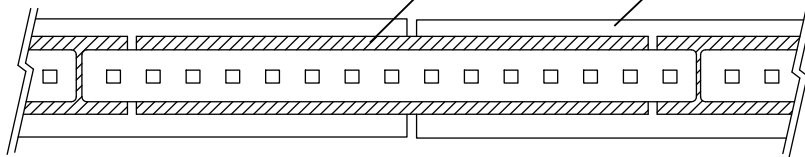
Do not separate the mounting channels at the gap (joint parts) between mounting bases.

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

NG!



OK



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

Do not bend the product toward vertical direction.

Vertical direction.

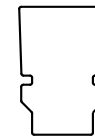
NG!



Horizontal direction.

Minimum bending radius is 30 mm.

OK



OK

NG!



Long Silicone Light Installation Manual

We will appreciate for your purchase of 'Long Silicone Light'. Please peruse this manual and install correctly and safely.

Warning

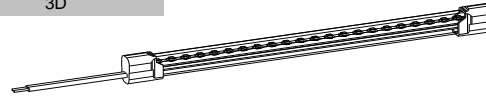
- Electrical works certificate is required to install and inspect this product.
- Input voltage is 24VDC only. Please do not apply other voltage such as AC100 to 230V. It will cause fume or fire.
- Do not put screws on the products directly. It may cause damages. Please refer to "How to Install"
- Please do not perform the following actions on the product. It will cause to decline in water resistant and installation performance.
 - Excessive bending and twisting of the product.
 - Dropping and strongly striking the product.
- It is dangerous working with wet hand. May cause electrical shock.
- This product is IP67 rated. This product should not be installed in a location where water is continuously splashed or underwater.
- 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

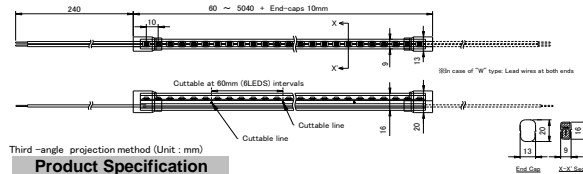
- Please perform installation or removal, after the switch must be turned off.
- Please be careful that eyes might be hurt when you look straight at light emitting part.
- The temperature rise of the product is influenced with the capacity and the distance from housing. Ambient temperatures must remain the product specification.
- Please be careful about static electricity. It will damage LED's.
- The product is horizontal bending type. Please do not bend the product toward vertical direction. It may cause the failure.
- Please note that there is some variation in color among LED's.

Specification

3D



Dimension



Third-angle projection method (Unit : mm)

Product Specification

Product No.	GL10-96A1**K							(** : Color temperature)		
**	22	25	28	30	32	35	40	50	RX	BX
Color Temperature	2200K	2500K	2800K	3000K	3200K	3500K	4000K	5000K	RED	BLUE
Input Voltage	DC24V									
Power Consumption	11 W/m (2200K・Red 9 W/m)									
Operating Temperature	-10 ~ +55°C (Indoor / Outdoor)									
Cutting points	60mm (6 LED) * Customized length order available.									
Dimension	Refer to dimensional drawing.									
Weight	160 g / m									
Bending Radius	R30 mm horizontal									
LED Pitch	10 mm									

Accessories

Product Name	Product No.	Remarks
AL Rigid Channel	FAS00-01S	Straight line installations / L=1000mm
AL Flexible Channel	FAC10-01S	Flexible line installations / L=1000mm
Fixing Material	FJB30-01	4 pieces per meter.

Recommended total length connectable per power supply

As for the product's connectable length to a power supply, please refer to the following formula.

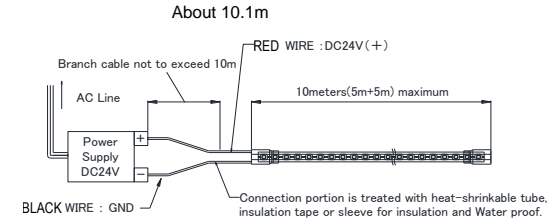
$$L = R \times 0.7 \div P$$

L: The product's connectable length to a power supply (m)
 R: Rated wattage of a power supply (W)
 P: Power consumption of a product (W/m)

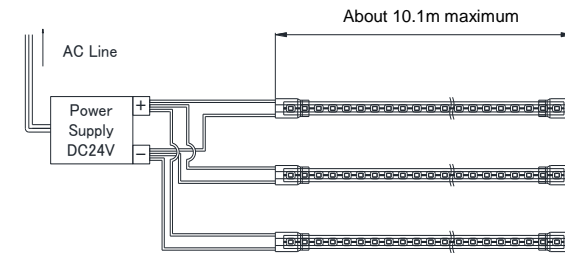
e.g. 100(W) x 0.7 / 11(W/m) = 6.3(m)
 (100W power supply can be used for product's length 6.3m as maximum.)

How to wire

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



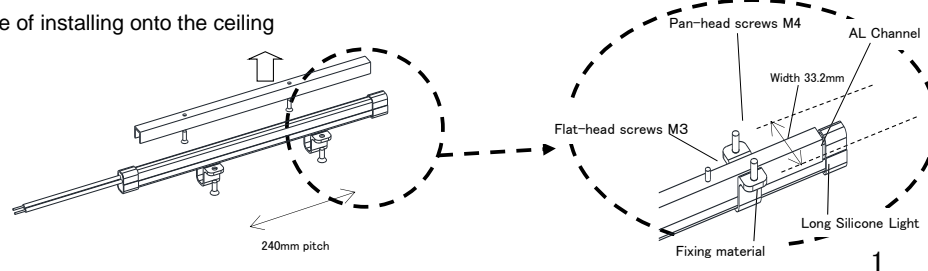
When total length of the products is more than 10.1m, parallel connection is required.



How to Install

When installing the product, please use the Atex AL channel and the Atex fixing material.

* In case of installing onto the ceiling



Please set the fixing material at the position 125mm from the product's edge. And please use the fixing material every 240mm pitch as follows.

