

LED DISPLAY LIGHTS Operating manual

DC24V

indoor use only
-10~40°C

Series
connectable

For keeping

atex

we will appreciate for your purchase 'LED DISPLAY LIGHTS'. Please peruse this manual before use and fix and install correctly and safely.

Precautions for Handling

- ❗ Please stop to use and contact with the shop when you find the disorder in an apparatus.
- ❗ It is DC24V exclusive use. When a wrong voltage is supplied such as AC100V, it causes not lighting and breakdown.
- ❗ It is up to 3.6m as series connection. More than connections cause a fire, an electric shock and the product depression.
- ❗ Please stop to use when the code is damaged, it causes a fire and an electric shock.
- ⊘ Please neither taking apart nor remodeling apparatus. It causes a fire, an electric shock and a breakdown.
- ⚠ Please note that eyes might be hurt when you look straight at lighting luminescence part.
- ❗ After it is installed, the standard life is approx 8 to 10 years. It is concerned with use conditions.

Safety Precautions

- ⚠ Please install an apparatus according to this manual. Please avoid the installation to the respect with the fear of the apparatus fall. Please avoid the installation to the place where the continuous vibration occurs.
- ⚠ It is only indoor use. It is not possible to use it in the place such as outdoor, water splash, more moisture, more dust, causticity gas.
- ❗ Please do not forcibly pull or bend the code. It causes the damaged and an electric shock.

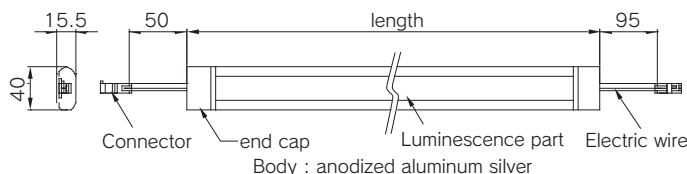
Specifications

Usage	900mm length wood/glass shelf	1200mm length wood/glass shelf
Product number	LTA1-09AWH-01	LTA1-12AWH-01
Supply voltage	DC24V	
Power consumption	16W	22W
Luminescent color	white	
Weight	approx 530 g	approx 700 g
Length	846mm	1131mm
Width	40mm	
Depth	15.5mm	

※ It can not dimmer and modulate in lighting.

Please use the power supply within 80% of the declared power.

Dimension & Outlook



Accessories

- 🔩 wood screw 2 pcs (M4 × 13)
- 📄 temporary double faced tape 3pcs

Optional materials

- Ⓟ Optional parts to construct will be supplied. Please select the appropriate parts according to the construction environment. Please refer a catalog, home page etc. in detail.

The code length must become within 10m for series connection to use optional code.

Daily maintenance

- ⚠ Please maintenance while turned off power. Please wipe by soft materials such as unwoven cloths or wipe by neutral soap solution. Please note that the transparent resin is easily damaged when it is rubbed.

For long life

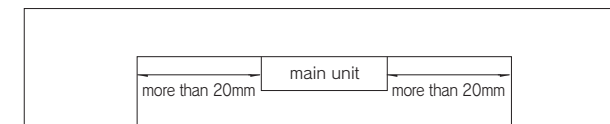
- Ⓟ The lower an ambient temperature, the longer it lasts. We will recommend to install in a airy place as much as possible.

It causes the usage under higher temperature and narrow space to decrease the life.

Please avoid the place where the direct sunshine strikes or the sealing space.

Please confirm that the temperature inspection beforehand and the temperature does not exceed 40 degree when using under the sealing space.

Please keep more than 20mm space from the apparatus side for burial putting.



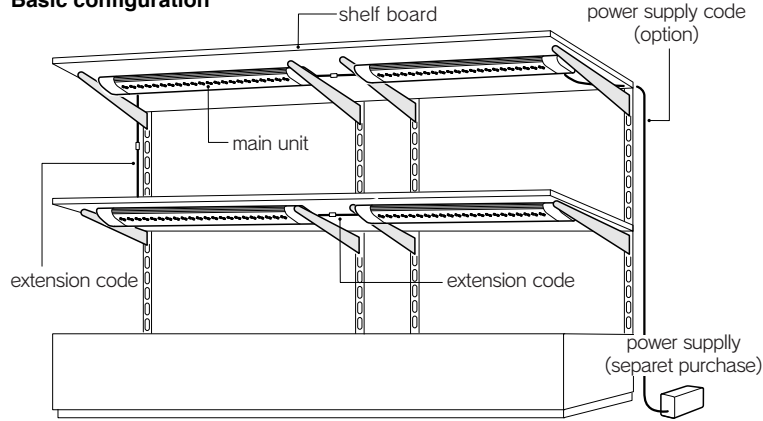
Notice

- Each LED is not fully same color because of LED specifications. Please acknowledge above matter even under the strict production control.
- The extension code, the code for power supply and power supply are options. The power supply must be used to correspond power consumption.
- Please do not use for any other purposes except the light under the shelf
- Please do not install au the ceiling instead of the fluorescent lamp.

0901-A

How to install

Basic configuration



Connection

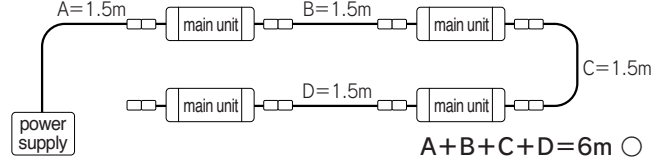
- Up to 3.6m by series connections.
For more than LED, connect multiple 3.6m connection in parallel.

Example:



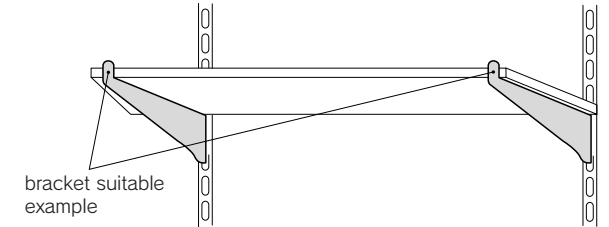
- The distance between power supply code and extension code is within 10m.

Example:



Precautions

- Please install while turned off electric power.
- Please confirm accessories.
- More than 15mm of the board thickness is required with option screw,
- When the edge of the appliance bracket is L type shape, it can be installed with the hook for an optional glass shelf. Please confirm it.



Wood shelf

- 1 Slide to outside to push shown in figure of end cap.
- 2 Temporarily fix on the shelf with the double faced tape. Bend the electric wire with care and install with screw.
※the double faced tape is for temporary install. Please note surely fix with screw.
- 3 Decide the direction of the electric wire and attach the removed end cap.
※Pull out the electric wire with twist as shown the figure
- 4 When main units are connected, arrange the shape of connection with care and connect. Direct connection to remove end cap or indirect with extension code (option).
- 5 Connect the code with main unit. Later connect the code with power supply.
※Please note the wrong polarity. It causes the product to be damaged.
- 6 Check wiring mistake. Supply the electric power.

Glass Shelf

- 1 Slide to outside to push shown in figure of end cap.
- 2 Decide the direction of the electric wire and attach the removed end cap.
※Pull out the electric wire with twist as shown the figure
- 3 Insert the bracket (option) into the ditch in the main unit of end cap.
- 4 Hung ten main unit on the bracket and tighten the screw by a hand.
- 5 When main units are connected, arrange the shape of connection with care and connect. Direct connection to remove end cap or indirect with extension code (option).
- 6 Connect the code with main unit. Later connect the code with power supply.(reference of wood shelf 5,6.)