

Slit Light Series Installation Manual

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

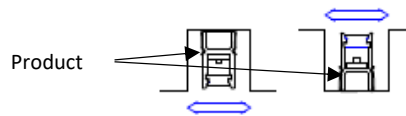
Ver.200528

Warning

- This product required qualified person for electrical work.
- This product is only DC24V. Please do not input Voltage higher than rated Value. May cause smoke or Fire.
- It is indoor use only. Please keep away from direct sunlight. It is not waterproof product therefore can not be used at the place as High humidity and temperature and where may generate condensation. It may cause electrical shock or fire.
- It is dangerous working with wet hands. May cause electrical shock.
- Can not be used generating corrosive gas, may caused fire or electrical shock.
- Please contact your sales company or electrical work shop when you find abnormal operation after removing power source.

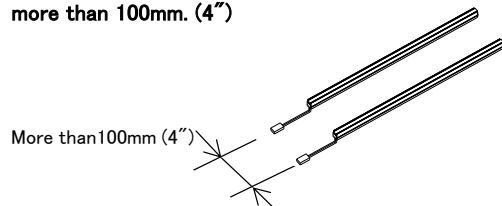
Precautions

- Please perform installation or removal, after the power switch must be turned off.
- Please be careful that eyes might be hurt when you look light emitting part in straight angle.
- When installed in sealed area, ambient temperature must be keep at -10 to 35°C. (14F to 122F)
- We can not warrant your own modification and/or disassembly.
- Please be careful static electricity. It will damage LED's.
- Please note that there is some variation on the LED's.
- The products brightness and/or color temperature also have some variation within the same product.
- The temperature rise is influence with capacity and distance from the housing, please make sure you have enough clearance from product to housing and heat radiation.



When you are installing product as showing above figure, you have to make sure enough clearance between the product to housing and temperature at -10 to 35°C.

- When you are installing products as shown figure below, please make sure you have clearance between the products **more than 100mm. (4")**

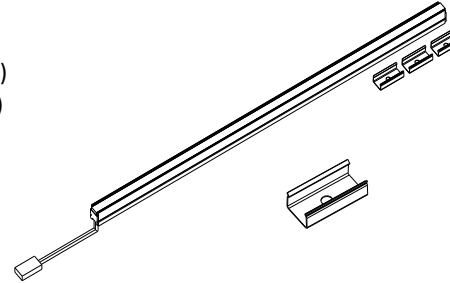


Specification

Contents

Productx1
Holder 3~5 (PCs)
Screws 3~5(PCs)

※Configuration of Standard Product



Holder
(Screw Hall 2.8mm)

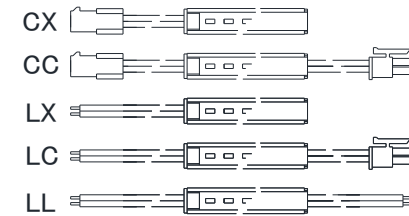
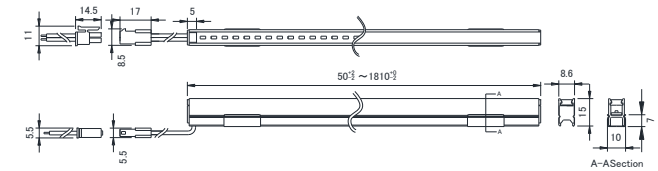
※Quantity for holders and screws are provided by product length

Product Specification

Product Name	Slit Light								
Product No.	Connection Type : SL**~DF2CX (**: Color Temp.)								
	Both Ends Connection Type : SL**~DF2CC (**: Color Temp.)								
	Hard Wire Tails : SL**~DF2LX (**: Color Temp.)								
	Hard Wire and Connector Type : SL**~DF2LC (**: Color Temp.)								
	Both Ends Hard Wire Tails : SL**~DF2LL (**: Color Temp.)								
**	22	25	27	30	35	40	50		
Color Temperature	2200K	2500K	2700K	3000K	3500K	4000K	5000K		
Input Voltage	DC24V								
Power Consumption	12W/m								
Operating Temperature	-10~35°C (14F to 122F)								
Environment	Indoor Only								
Dimensions	W8.6 × H15 × L mm (Except prominent area)								
Length	50~1810 mm (1.9" ~ 71.3")								
Weight (W/O Holders)	150g/m (0.33 lb)								
LED Pitch	5,7mm (0.2")								
Top Cover	Diffusing Cover								

Dimension

unit:mm



Maintenance (Cleaning)

- Please make sure power switch is turned off before cleaning. This product is using plastic material for cover and end case. Please use soft cloth and synthetic detergent for cleaning a dust or stains.

Support

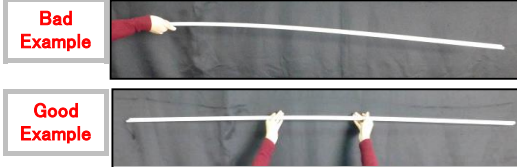
- Please contact to your sales company or electrical work shop when you request any support.

Slit Light Series Installation Manual

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Installation Guide

- 1 Please hold a product using both hands with special care.
It may cause bend a product and lighting problem for LED's.

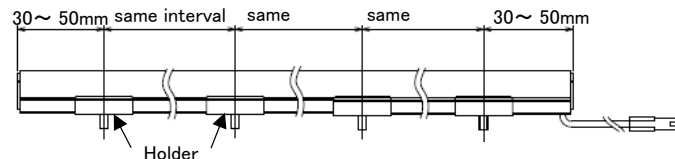


- 2 Please install product on the flat surface.
When you installing a product in the prepared channel, please make sure channel is flat and straight.
It may cause a lighting problem or bending a product along to the channel.

- 3 Please install a product by attached number of holders and screws.
Required holder quantities by product length are as listed in figure..

Products Length	Number of Holders
400mm or less	2
400mm~1000mm	3
1000mm~1400mm	4
1400mm or more	5

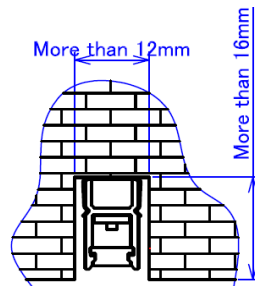
- 4 Attached screw nails are for timber, please prepaid the proper screw nails by material of installing surface and fix holder firmly.
Both end of holders are installed 30mm to 50mm from edge and install remaining holders at same interval.



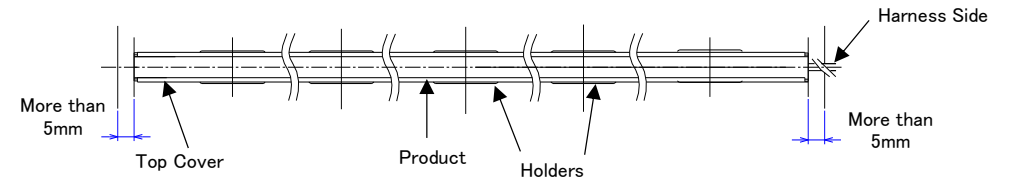
- 5 Please install holders in straight line with tolerance less than +/- 0.5 mm
It may cause deform a product or lighting problem.



- 6 Required width for prepared channel is more than 12 mm.
Please install holders at center of channel.
Required tolerance is less than +/- 0.5mm from center of channel.
It may cause a problem when installing product in to the holder if it is leaning to one side.
Required depth of channel is more than 17 mm it may cause problem for lighting distribution.



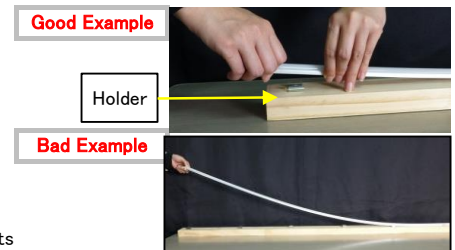
- 7 Please keep clearance between the products more than 5mm when you are installing products side by side.
Because products are extending by accumulated temperature when continuous use of products.
Also required extra 5 mm longer channel for preparation.



- 8 Press the products in to the holders until tightly clutched by holders.

Warning

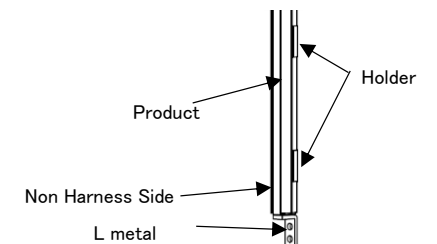
- 1 Warning for removing product from holders after installation.
Please be aware that product is very weak and easily bend or break if you forced.
Please hold a product near the holder and gently remove.
It is may cause bent or break product or lighting problem.



- 2 Please install "L" shaped metal plate at the bottom of products with holders when you are installing product in vertical way. It is a protection for falling off.
※Also recommending some protection when installing in ceiling.

- 3 Also recommend that extra length of harness for preparation for cleaning and maintenance.

- 4 Maximum length of series connection : 1810mm
※ Please do not pull product when connectors are connected.
It is giving a stress for connector and may cause problem.



- 5 When you installing products side by side, make sure no harness sides are facing each other.
(Note:1) It may brake a products if you use harness side. (Note 2) 2 PCs are limit for side by side installation.
(Note 3) Please aware products may extend for continues use. (See above (7))

Warning

◆ General Warning

- 1) Please do not strongly pull a cable and connector. It may causes LED's lighting problem.
- 2) Please do not expose input, extension and forwarding connector.
- 3) Please do not make a parallel connection at forwarding connector.
- 4) Please do not connect any third party products at the extension connector.
- 5) Please do not dismantle the product.
- 6) The holder is only for this product, please do not use other holders for this product.

