



Luci SHIN Creide THOF

Instruction Manual

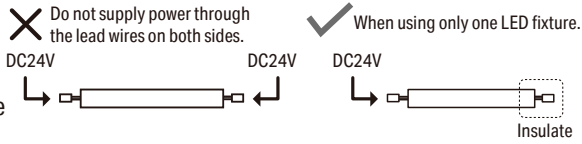
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⚠ To ensure safe usage

The following are the safety cautions to prevent any harm or damage to others.
If the product is used inappropriately, it may cause damage, electric shock, smoke or fire.

**Only supply power through the lead wire on one side using the dedicated connection cable for this product.**

Supplying power through the lead wires on both sides may cause failure and fire.
If using only one light fixture, insulate the unused connector with self-adhesive tape or electrical tape.



✗ Do not supply power through the lead wires on both sides.
DC24V

✓ When using only one LED fixture.
DC24V

Insulate

- 

Use a DC24 V power supply.
Never connect to any other power supply.
Always use a circuit breaker of suitable capacity in the power supply.
If the capacity is not suitable, the breaker may not work when abnormal current occurs, which may cause fire.
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Always shut off the main power supply before working or inspection.
Do not connect or disconnect the lead wires of the light fixture while power is supplied.
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Firmly connect the connectors.
Incomplete connection may cause heating, smoke, and fire.
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Do not touch the ends of the connectors. Risk of electrical shock.
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The product must be allowed to dissipate heat.
Allow sufficient space for ventilation (heat dissipation) between the light fixture and building structure.
Avoid installing the light fixture close to each other. It may shorten product life or cause fire.


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When there is abnormal situations, please cut off the power immediately, consult with electricians, and do not touch the lighting with bare hand.
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Do not place or cover the light fixture with a heatable object such as cloth, paper or insulating material.
It may cause light fixture to fail to light up or on fire.
Do not allow an open-ended fixture to have contact with any metal.
Do not place or install light fixture in close contact with other electric equipment in or out of ceiling area to prevent fall, electric shock or fire caused by vibration from electric equipment.
Do not handle the light fixture with wet hands. It may result in an electric shock.
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Do not use the product if the cover is damaged.
Risk of an accident and electrical shock.
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Do not use a brush or an abrasive product to polish metal parts.
Risk of damage and corrosion.
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If the product is dirty, wipe with a dry cloth.
Do not use thinner, benzene, or other organic solvents to clean the product, and do not wash with water.
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Important notice for storage
Please ensure the fixture is stored within -10°C to 55°C
Please do not store the carton or the packages of our light fixture in the following conditions:
- wet location
- places of high humidity
- places with a lot of litter or dust
- place that sunlight is directly exposed
- places where solvent such as a paint liquid is stored

During storage ensure the cartons upright.
Please do not open individual package until just before installing light fixture to avoid any damage to the light fixture.

Please do not place heavy object on the carton.
Please do not use our light fixture as the working light during construction period.
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This light fixture is for indoor use only.
Do not use in the following environments:
Outdoors
- Location at high temperature (+35°C or higher)
(Operating temperature is 0°C to 35°C.
- Location where water may splash onto the product.
- Location with high humidity.
- A dusty location.
- Location with corrosive or inflammable gases.
- Airtight location.
- Location with direct exposure to salt water or organic solvents
- Location in direct sunlight.
- Location subject to the effects of electric or magnetic fields.
- Location subject to intense vibration or shock, or a location subject to continuous vibration.
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Do not do the following :
- Forcibly remove the product after mounting it.
- Disassemble, modify, or add holes to the product.
- Forcibly pull or twist the product.
- Cut or damage the power cable. Use a damaged cable.
- Press down on the product.
- Drop the product or subject the product to intense vibration or shock.

Please read before the usage

- Use the special mounting fixture to mount the light fixture to the mounting location, and verify that the mounting is secure.
- The product has been manufactured with the utmost care; however, please understand that slight deviations in LED color are unavoidable due to the characteristics of the product.

Caution : Must choose suitable power supply

Refer to the power supply manual for temperature, humidity and other operating conditions.

Maintenance and Inspection

- Light fixture has a life span.
- Degradation of inner materials occurs after 8-10 years of installation even when the light fixture looks fine from the outside. Components of the light fixture degrade due to the generation of heat when the light is on for a long time. This causes not only safety issues, but also reduces power efficiency and it is recommended to have regular maintenance and inspection.
- Cleaning and inspection should be carried out at least once every 6 months.
- At least once every 3 years, an inspection should be carried out by a specialist such as a product contractor.
- If the light fixture is used for a long time without having an inspection, there is a small possibility that it could lead to fuming, igniting, electric shock and the like.

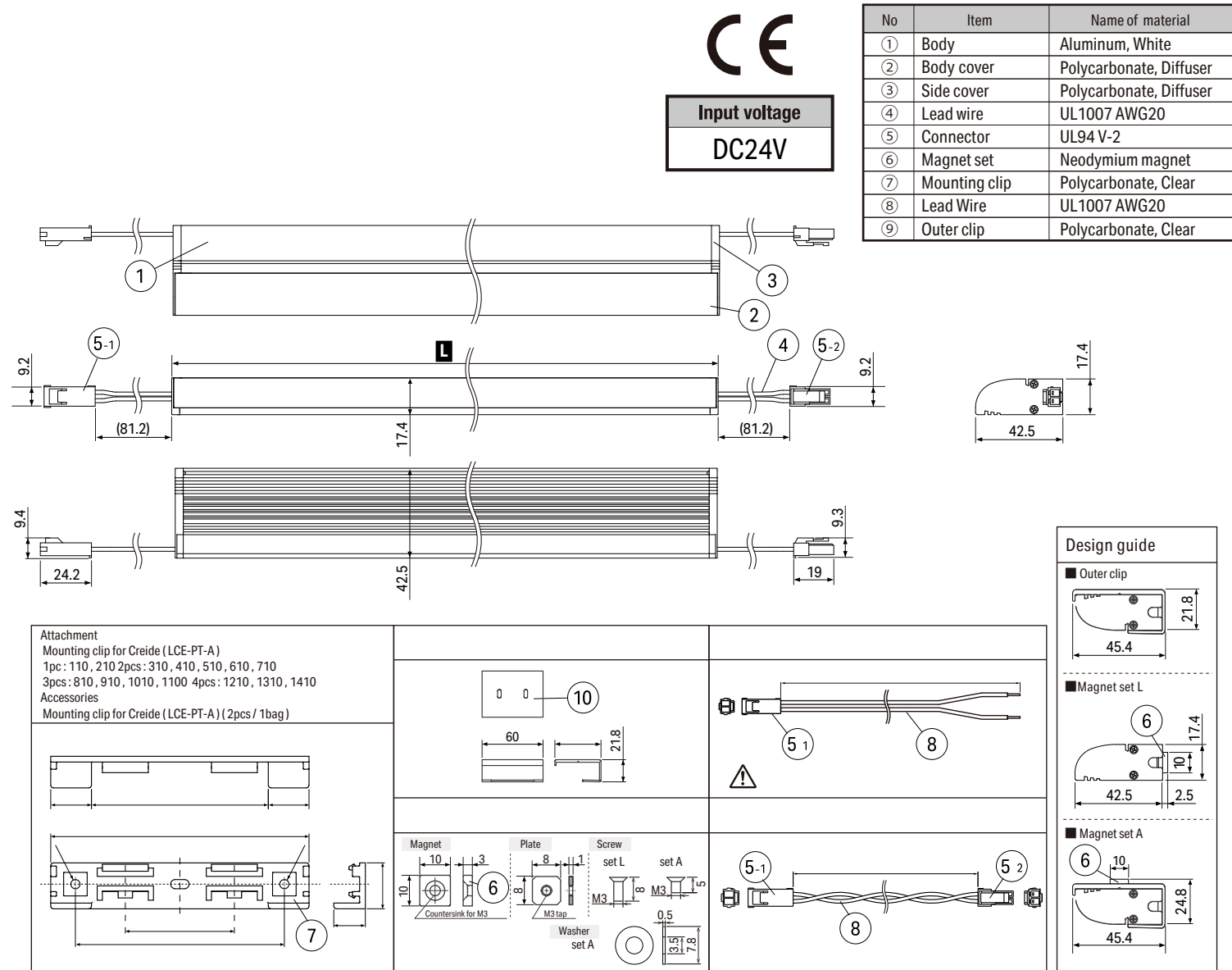
Inspection Methods

- Is LED operating normally?
- Is there any unusual smell, sound or heat?
- Are there cracks, slits, or detached parts on any part or joint?

Cleaning Method

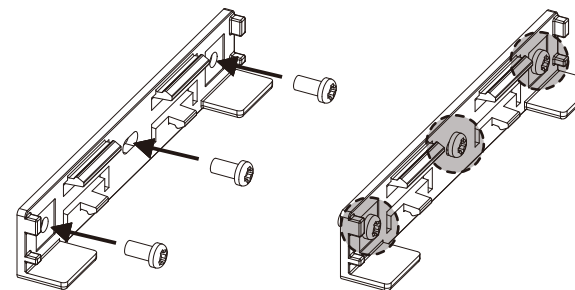
- Lightly wipe the light fixture with a soft cloth.
- To best clean the light fixture, wipe dirt with a soft cloth which has been soaked in a neutral detergent diluted with water and squeeze firmly. To finish off, wipe it with a damp cloth and dry it.

Product specification ※unit of measurement=mm



Installing the product

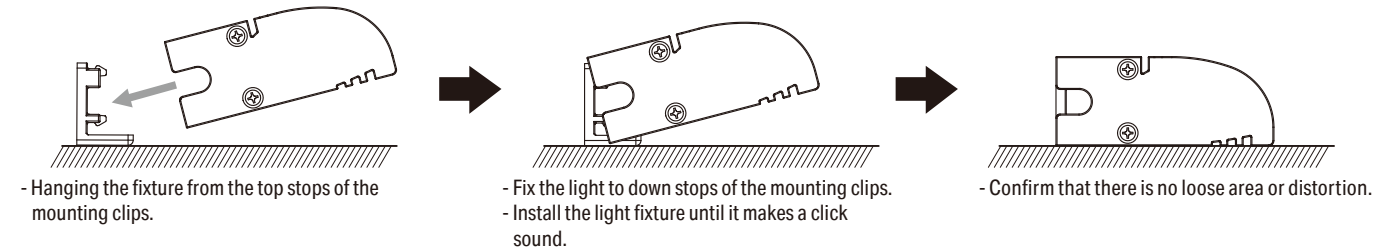
A Horizontal installation



Installing clips should be set to the installation spot with commercially available screws (pan head screws M3).
(Recommended pitch under 380 mm, at least 3pcs per meter)
- Please fix tightly using 3 crews per and mounting clip.
- Push a light fixture until it makes a click sound.
- Confirm that there is no loose area or distortion.
- When you remove it, please make sure not to damage the clips.

⚠ Cautions

Do not repeatedly attach and detach to the mounting-clip.
(Reference number of attachments and detachments: maximum 5)
The clip tab may be damaged.



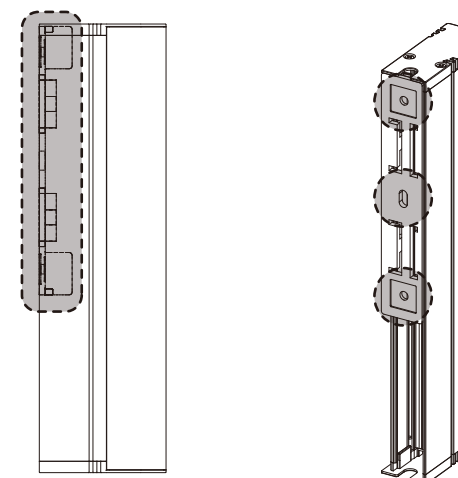
⚠ Cautions

- When installing the mounting clips, ensure that all the clips are installed in the same level on a plane surface and aligned on the center line.
- When installing the light fixture on the mounting clip, ensure to click it completely.

In the event of improper installation, light fixture may have unexpected cracking sound and disconnect from the clips.

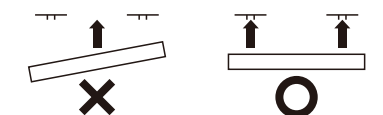
B Vertical installation

- Please make sure to fix tightly using 3 screws per installing clip.
If using only 1 or 2 screws, the fixing and holding force is not enough and may cause the light fixture to fall.



⚠ Cautions

When installing the light fixture to the installation spot, ensure that it is kept level and insert onto the clip tabs.
Check if it is completely attached.

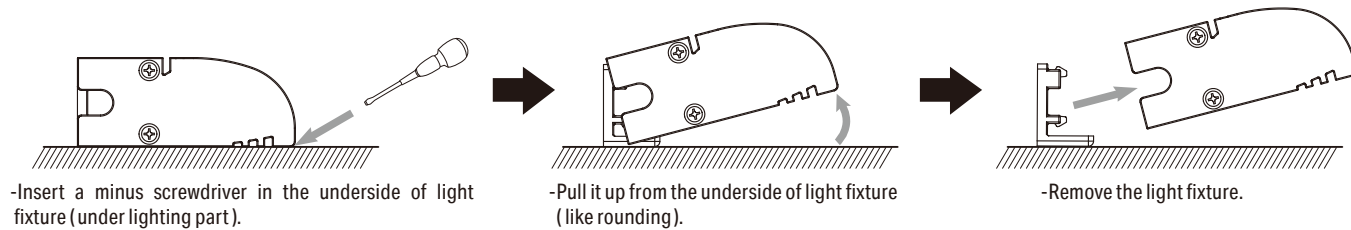


- Please make sure to hold the light fixture (side cap) with the hook of the mounting clips.
(If the weight of the light fixture is not supported by the hook, it may fall)

Item / Product Name	Luci SHIN Creide lens	
Model No.	LCETHY- *- *-DF-I-10	LCETHY- *- *-DF-I-21
Wattage	10.7 W / m	21.5 W / m
Input Voltage	24 V	
Number of LEDs	140 LED / m	
Weight	415 g / m	
Environment	Indoors (No condensation)	
Operating temperature	0°C ~ +35°C (No condensation)	
Max. length per circuit	5m	
Material (Body)	aluminum , polycarbonate	
Attachment	Mounting clip for Creide (1pc:110mm 210mm , 2pcs:310mm 410mm 510mm 610mm 710mm , 3pcs:810mm 910mm 1110mm , 4pcs:1210mm 1310mm 1410mm)	
Accessories	Mounting clip for Creide (2pcs / 1bag) , Outer clip for Creide(2pcs / 1bag) , Power supply cable 3000mm, Joint cable 1000mm, Magnet Set A, Magnet Set L	
Light source color (※)	Day light(D), Natural white(N), White(W), Warm white 3500K(WW), Warm white 3000K(L30), Warm white 2700K(L27), Warm white 2500K(L25), Warm white 2200K(L22), Warm white L2000K(L20), Warm white 1800K(L18)	
Dimmable	Yes (0-10V/1-10V, DMX,DALI,PWM,Casambi)	

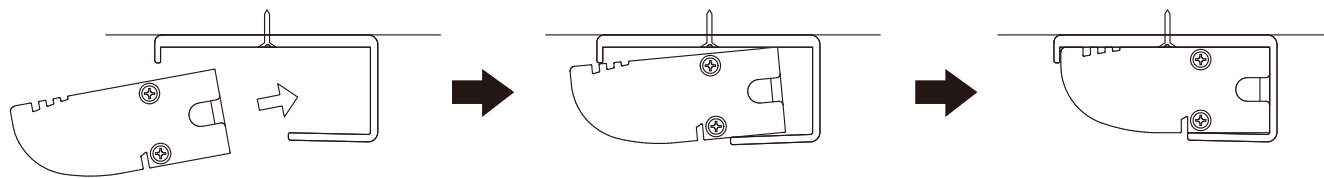
Installing the product

C How to remove

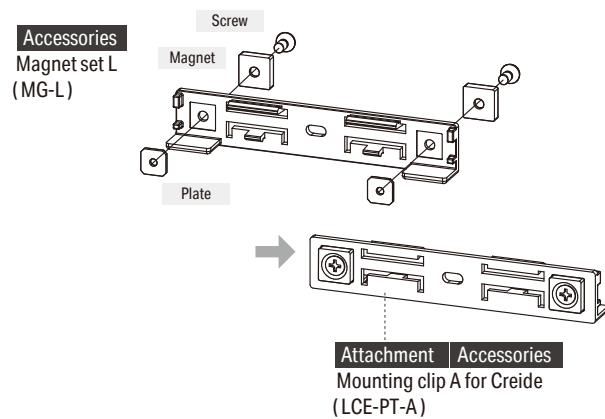


D Outer clip installation

The Outerclip is installed with screws supplied by installer. (Flat head screws M3 recommended.)
Tilt and insert the light fixture into the Outerclip. Make sure the light fixture fit in the Outerclip.



E Magnet installation for Mounting clip A

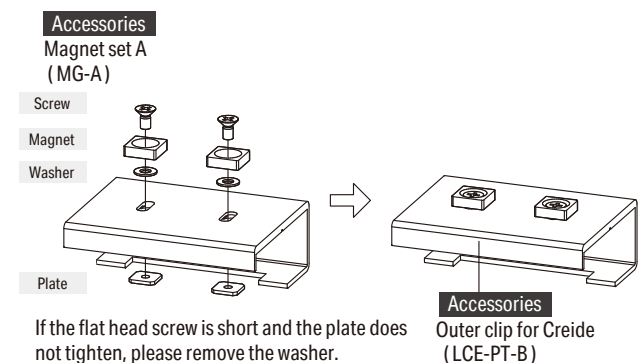


Recommended number of Nounthing clip and magnets sets and Outer clip

Length (mm)	Attachment Mounting clip A	① Mounting clip A	② Extra Mounthing clip A	③ Magnet set L	④ Outer clip	⑤ Magnet set A
0110	1pc	1pc	-	2pcs	1pc	2pcs
0210	1pc	1pc	-	2pcs	1pc	2pcs
0310	2pcs	2pcs	-	4pcs	2pcs	4pcs
0410	2pcs	2pcs	-	4pcs	2pcs	4pcs
0510	2pcs	2pcs	1pc	6pcs	3pcs	6pcs
0610	2pcs	2pcs	1pc	6pcs	3pcs	6pcs
0710	2pcs	2pcs	1pc	6pcs	3pcs	6pcs
0810	3pcs	3pcs	1pc	8pcs	4pcs	8pcs
0910	3pcs	3pcs	1pc	8pcs	4pcs	8pcs
1010	3pcs	3pcs	1pc	8pcs	4pcs	8pcs
1110	3pcs	3pcs	1pc	8pcs	4pcs	8pcs
1210	4pcs	4pcs	1pc	10pcs	4pcs	8pcs
1310	4pcs	4pcs	1pc	10pcs	5pcs	10pcs
1410	4pcs	4pcs	1pc	10pcs	5pcs	10pcs
Unit of order		2pcs/bag	2pcs/bag	10pcs/bag	2pcs/bag	5pcs/baag

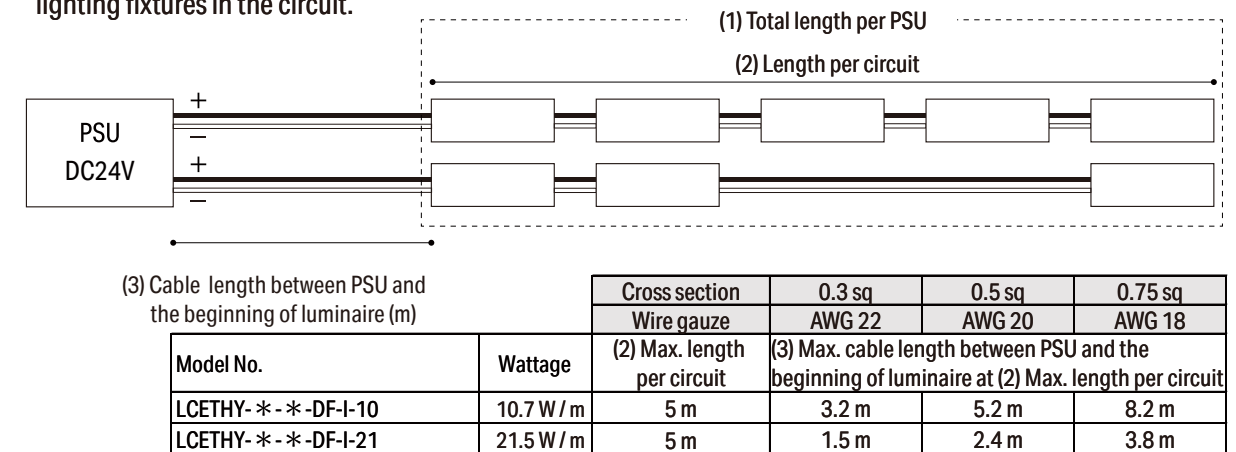
- No. of Mounthing clip needed
- No. of extra mouting clip needed for magnet installation
- No. of magnet L needed when installing Multi clip with magnet
- No. of Outer clip
- No. of magnet set A needed when you install Lift clip with magnetneeded

F Magnet installation for Outer clip



System configuration diagram

- Total product length per power supply depends on capacity of the power supply. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multple circuits.
- To minimize voltage drop, select appropriate wire gauge / diameter and consider the cable length between PSU and the beginning of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the lighting fixtures in the circuit.

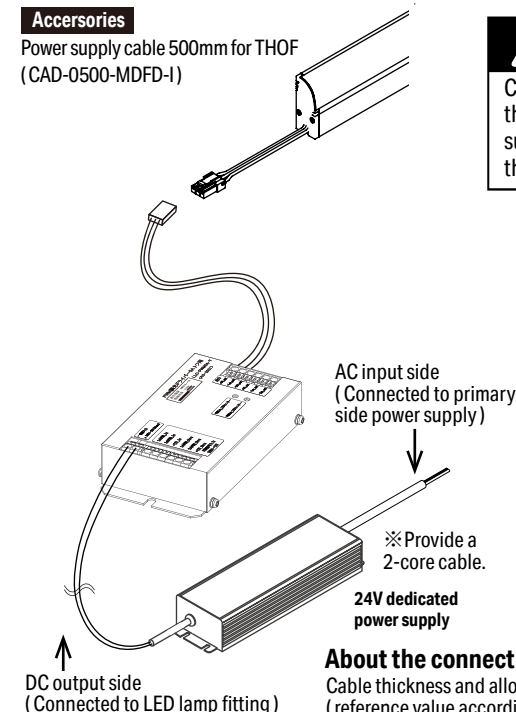


※The length of cable that can be connected varies depending on the voltage drop.

Connecting to the power supply

Caution:
Must choose suitable power supply

Refer to the power supply manual for temperature, humidity and other operating conditions.



⚠ Cautions

Check with the labels indicating the current directions and be sure to correctly connect to the power supply.

■ Cables used for connecting light fixtures and Power supply must be a suitable type and gauge.

■ Cables should be joined with suitable terminal block or methods that is appropriate to the installation and operating environment.

Caution: When using thin dimension cable in long extended length, the resistance of cable will increase. Voltage drop and heat dissipating may occur and result in a drop in brightness.

Caution: When separating one cable to multiple circuits in the same gauge, the current loading focuses on the junction of the branch circuit and high temperature will accumulate from there. Please consider the loading of the power supply (quantity of light fixture) and review the wiring system to avoid the above problem.

■ When connecting the dimmer driver with power supply, unpredicted noise might occur. It is a characteristic of electronic devices, not a malfunction of the light fixture. Please choose an appropriate power supply and consider to have enough space to install. Reducing the loading factor of light fixture might improve the noise from the power supply while the noise for the light fixtures might be improved by splitting the circuit of light fixture into multiple.

■ When you adjust the length of the power supply cable, please be careful not to damage the core wire.

■ When the cable is bundled, heat dissipation becomes poor and the temperature becomes extremely high. When bundling 5 cables or more, connect less number of light fixtures for one cable.

About the connection cable

Cable thickness and allowable current
(reference value according to manufacturer documentation)
Ambient temperature 30°C

	VCTF-2C sq		
Conductor nominal cross-section area	0.75	1.25	2
Max. allowable current (A)	7	12	17