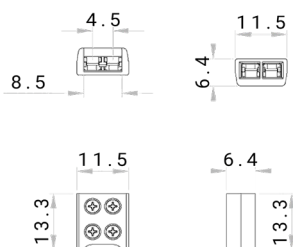
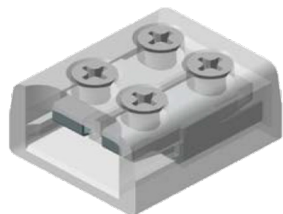


TC-LC03

Terminal Block LED lead wire connector



Project	
Qty	
Date	
Client	

Rated current	6A
Rated voltage	0-36VDC
Color	Transparent
Contact distance	4.5mm
Operating temperature	-10°C~45°C
Cross section of the lead wire	0.52mm ² -2.08mm ² (AWG20-AWG14) stranded / solid wire

Features:

Easy, fast, and secure solderless connection that safely transmits up to 6A of current. The screw-down connections to the lead wires and LED strip offer stable and safe connections that are highly pull-resistant and ensure the lead wires and LED strip will not become loose or disconnected easily.

Available LED tapes:



JLS360

IP33 / IP65(Nano)



JLS3120

IP33 / IP65(Nano)



JLS8120

IP33 / IP65(Nano)



JLS8160

IP33 / IP65(Nano)

INSTALLATION:

WARNING Failure to comply with the following installation instructions may result in death or serious injury.

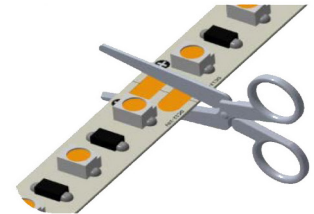
- This product must be installed and serviced by a qualified electrician.
- Separate the power supply wiring (110V) and dimming/control wiring
- Disconnect power before installing to avoid electrical shock
- Do not exceed fixture specified voltage
- Do not expose IP33-rated lighting fixtures or LED strip to moisture generated from steam, water drips, as well as condensation residues, as it will cause damage to the light components causing a possible short circuit.
- Power cable should not support the weight of the fixture and stay loose
- Do not use fixture, parts or connectors which are damaged

CAUTION

- Should a production received with missing or damaged parts, please contact Joyolight at 1-877-849-1942.
- Should a fixture not work properly, please turn fixture off and contact Joyolight technical support for immediate assistance.
- Handle the fixture with care throughout the installation in case of damaging the fixture.
- Always wear clean latex or cotton gloves to avoid spots or fingerprint marks on the fixture.
- Unauthorized field repairs will void warranty

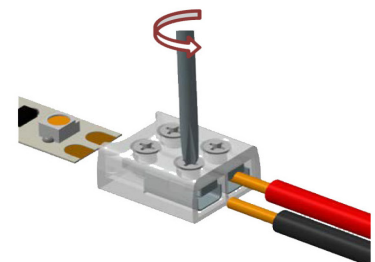
STEP 1: Preparation

- Verify your LED strip is compatible with the TC-LC03 connector.
- Turn power supply off. Do not operate or install the connector with the power supply on.
- If the LED strip is required to be cut, cut straight across the centre of the cut point



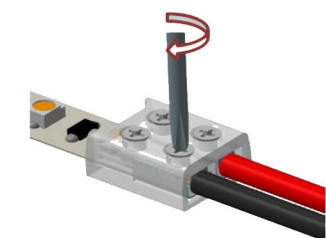
STEP 2: Inserting the LED Strip

- Verify the polarity of the LED strip, insert it in to the connector, and tighten the screws until fully secured, making sure not to over-tighten and damage the clip or LED strip.



STEP 3: Inserting the lead wires

- Strip the appropriate insulation off the end of each lead wire.
- Insert the wires in to the lead wire side of the connector and tighten the screws until fully secured, making sure not to over-tighten and damage the clip or lead wires.



STEP 4: Test

- Once both connections are completed properly the power supply can be turned on and the LED strip illuminated.

NOTICE:

- When installing, avoid static electricity.
- Match the positive and negative polarity to ensure correct connection and avoid damaging the LED strip.
- Ingress protection of this connector is IP20 and requires a dry environment.