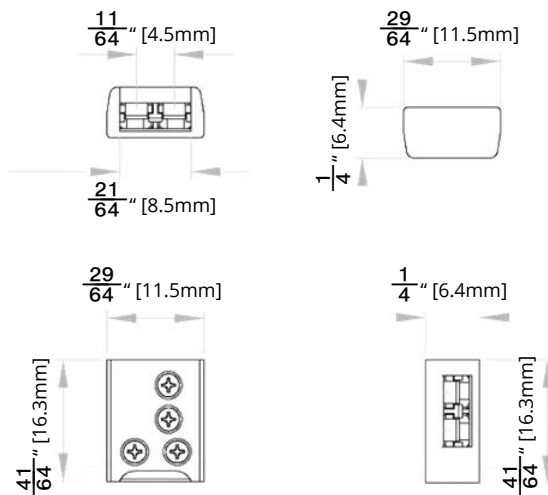


## FEATURES

### 90 Degree Terminal Block LED lead wire connector

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



|                       |              |
|-----------------------|--------------|
| Rated current         | 6A           |
| Rated voltage         | 0-36VDC      |
| Color                 | Transparent  |
| Contact distance      | 4.5mm        |
| Operating temperature | -10°C ~ 45°C |

|         |  |
|---------|--|
| Project |  |
| Qty     |  |
| Date    |  |
| Client  |  |

## 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 lighting 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-LL05 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 into the connector, and tighten the screws until fully secured, making sure not to over-tighten and damage the clip or LED strip.

## STEP 3: 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.