

## BoscoLighting Track and Track Light Installation Instruction

### Introduction

Thank you for choosing BoscoLighting products.

This document aims to guide a qualified installer or electrician in installing of this product to ensure correct function and safety. Note by Law, certain electrical works must be completed by a licensed electrician. Each State maintains their own licensing system, for more information see [www.erac.gov.au/index.php?Itemid=516](http://www.erac.gov.au/index.php?Itemid=516).

### Warranty

Your BoscoLighting light fitting is covered by a 3 year warranty. Please retain proof of purchase or register your purchases by sending an email to [warranty@boscolighting.com.au](mailto:warranty@boscolighting.com.au) by attaching a copy of your purchase invoice, details of the end user (name, company, phone and address) and electricians company and electrical license number.

Warranty will be void if there is any damage due to improper installation, modification to the fitting except from the standard issued parts and features or used for purposes other than the intended purpose and safety precautions and warnings had been disregarded, site issues like voltage surges, vandalism or rodent damage.

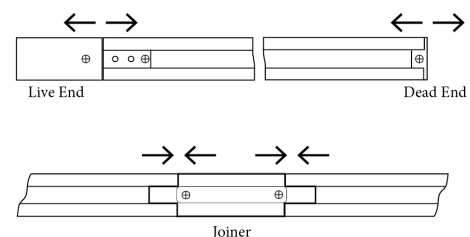
### Safety Instructions

- First and foremost, do not install or operate the fitting if it appears to be damaged in any way. Please inform your local supplier or send an email to [warranty@boscolighting.com.au](mailto:warranty@boscolighting.com.au) as stated on the warranty section of this document.
- Electrical connections and wirings must be carried out by a licensed electrician in conformance with the electrical standards.

- BoscoLighting light tracks can be installed surface mounted, suspended or recessed. Please make sure that you have sufficient structural support for any of these installations. If in doubt, please contact BoscoLighting to discuss or seek engineering guidance.
- Turn off the fuse/circuit breaker that controls the power to the area or fixtures that you are working on. Turn off as well the light switches on your wall and do not forget to test the electrical wires for voltage presence before you start working to avoid unexpected electrical shock.
- Use proper electrical protective gears and electrical tools during the installation.

### Installation Instructions

**STEP 1:** Light tracks are supplied in **1000mm** standard length or **2000mm** upon request with live and dead ends already installed. If you are planning to extend the length of the light track, you need to remove either the live or dead end to connect a joiner. Simply loosen the screw on either of the two ends of the track as shown below then install the joiner. Make sure to align the joiners with the grooves.

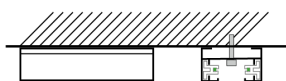


(Please visit our website for our various joiners available for your track lighting needs.)

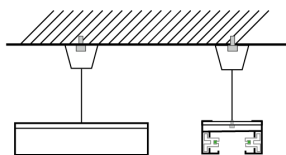
If no additional length is required, please proceed to Step 2.

### STEP 2:

- **Surface Mounted Installation:** Connect the electrical wirings on the live end terminal as indicated in the socket then install the light track into place in the ceiling using metal screws. Care must be taken with installing the screws that they are straight and fully set in place and they do not come into contact with the electricity-carrying poles (or wires).



- **Suspended Installation:** Install the light track suspension cable into the ceiling first with the provided metal screws and install the other end into the light track, one at a time. Care must be taken with installing the screws that they are straight and fully set in place and they do not come into contact with the electricity-carrying poles (or wires). Then adjust the length of the suspension cable as per the preferred height. Make sure that the light track has been properly levelled using a spirit (or bubble) level. Once done, connect the electrical wirings on the live end terminal as indicated in the socket.



- **Recessed Installation:**

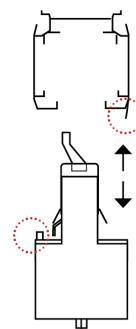
- BoscoLighting has a special recessed track for installation into plaster ceilings with a channel 36mm wide (must be confirmed at ordering).
- Regular track can also be recessed into the ceiling, however will require additional support from above for the mounting screws to be affixed to. This

option is preferable if you require a near invisible installation as there is no visible trim. To fix the light track into the ceiling, use metal screws after connecting the electrical wirings on the live end terminal as indicated in the socket. Care must be taken with installing the screws that they are straight and fully set in place and they do not come into contact with the electricity-carrying poles (or wires). Visible inspection as well as a leakage detection test should be performed to ensure no short circuits have been created.



**STEP 3:** Position the track light adapter contacts into position so that when rotated, the contacts will face the grooved side of the track and make sure that the pin connectors are in the correct direction.

- For **2 lines**, it does not matter which way you position the adapter to clip in the pin connectors.
- For **3 lines**, rotate the adapter counterclockwise and please make sure that the top bit of the pin connector is going to be locked in the correct position, otherwise it will not connect. If you feel that you cannot lock the connector in, please check again if you are doing it in a correct way.
- For **4 lines**, rotate the adapter counterclockwise and please make sure the raised part of the track is opposite to the raised part of the track light adapter, otherwise you will have difficulty to clip in the adapter and the light will not work properly.



**STEP 4:** Once everything is in place, please double check the connections before turning on the power and switching on the light. Removal of the track light is by doing the reverse procedure.

## Maintenance

- Make sure that the power to the track light has been turned off and has given the time to cool down after being used before you start of cleaning the lighting fixture. Cleaning must be done at interval schedules to ensure to have a better lighting.
- Use damp clean cloth to wipe the dirt that adhered to the light fitting. Never try to immerse the light fitting in water.
- Use static free gloves when cleaning the luminaire to avoid markings.

## IP Rating

This table provides a quick reference on general use of IP ratings:

IP	Protection	Details
20	Ordinary	LED lights are suitable for all indoor dry applications, such as offices, retail shops, bedrooms, living rooms.
40	Not waterproof	Insects are not likely getting in the lights, but there is no protection from moisture.
42	Drip Proof	LED lights are protected from tools and small wires greater than 1 millimetre. The lights can resist a few drops of water.
44	Splash Proof	Lights are suitable for bathrooms and other applications where water spray is a risk
54	Dust Proof, Splash Proof	Lights have protection against dust and splash, making it suitable for general outdoor use or damp indoor environments.
64	Dust Tight, Splash Proof	Products are fully protected against dust ingress. Also, these lights are protected against water splashing from any direction.
65	Dust Tight, Jet Proof	Products are completely dust tight, as well as protection against low-pressure water jets from any direction.
66	Dust Tight, Watertight	Products are completely dust tight, as well as protection against higher pressure water jets from any direction.
67	Dust Tight, Watertight	Products are completely protected against solid particles, and can be submerged up to 1m in water for up to 30 mins.
68	Dust Tight, Pressure Watertight	Products are hermetically sealed and suitable for continuous immersion in water.

## Disclaimers

- BoscoLighting is not liable where :
  - There is product malfunction and or any damages caused by improper use or installation.
  - Installation has not completed by licensed electricians.
  - Safety instructions have not been properly followed.
  - Damage due to site issues such as voltage surges, rodent damage or vandalism.
- IP rating reference table has been included on this document to provide guidance for applicable IP rated lights to be used based on the installation environment. Kindly be advised that the lights are not specifically designed to be installed on flammable, hazardous and or corrosives areas.
- Lights has been designed to operate at an ambient temperature of -10°C to 45°C.
- Lights found out to be tampered with or have been tried to be repaired apart from the supplier/manufacturer during the warranty period shall void the warranty of the product. Hence, any damages caused by the said act will not be BoscoLighting's liability.
- BoscoLighting has the right to modify or obsolete the design of its products for quality improvement or due to supplier constraints.
- Products may appear different to product data sheets or installation instructions.