

## BoscoLighting LED Panel 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 Panel Lights are rated with Ingress Protection 40 (IP40) which means that there are no insects and the like which can get through inside the light. However for wet or damp locations, we offer IP65 versions that can withstand low-pressure water jets as well as dust tight capability. Please contact us for more information and guidance.
- Our LED Panel Lights can be installed via recessed, surface mounted or suspended. Please make sure that you have sufficient structural support as well as that you have chosen the correct panel light dimensions for any of these installations.
- 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.

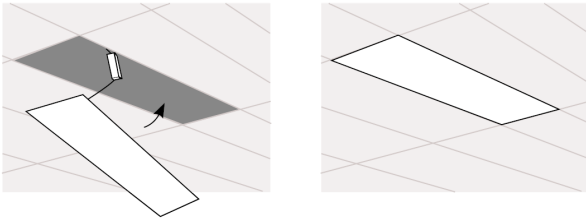
### Installation Instructions

**STEP 1:** Unbox the panel light and prepare the materials and tools which are going to be needed.

**STEP 2:**

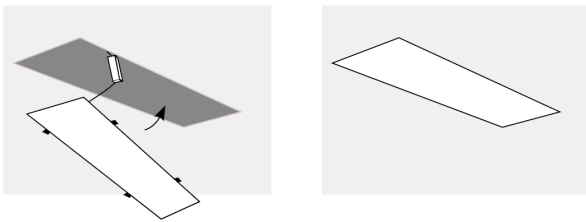
- **T-Bar Recessed Installation:**
  - Remove the ceiling tile.
  - Connect the power and place the transformer into the cavity.

- Tilt panel at an angle and insert into the cavity resting it back onto the t-bars.



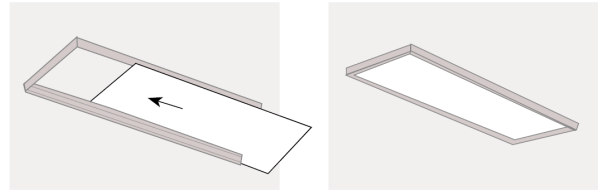
#### ● Plaster Recessed Installation:

- Make a cut-out into the plaster ceiling as per the panel light dimensions.
- Install the spring clips on the panel light then insert the panel light at an angle into the cavity.
- Connect the power and place the transformer into the cavity.
- Level back spring-clips on one side and place panel up against edge.
- Push other side up, holding clips back and snap into place.
- Patch the side of the cut-out in the ceiling with plaster if necessary and paint per ceiling colour and let it dry.



#### ● Surface Mounted Installation:

- Assemble the frame and screw onto the ceiling.
- Remove one of the short sides.
- Connect transformer to power and then rest it on top of the panel.
- Slide the panel into the installed frame.
- Re-affix the final side of the frame and screw in place.

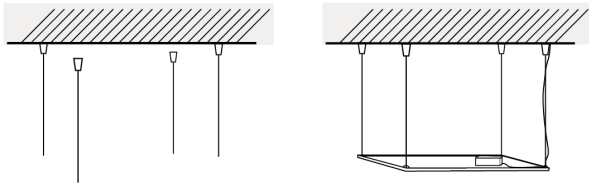


#### ● Suspended Installation:

- Installing from plaster ceiling:
  - Pre-drill holes in ceiling and insert plastic gyprock lugs.
  - Through the suspension mount<sup>1</sup>, affix to gyprock screw.
- Installing from concrete ceiling.
  - Pre-drill holes in ceiling and install concrete lugs<sup>2</sup>.
  - Through the suspension mount<sup>1</sup>, affix to concrete lug.
- Installing from wooden beams.
  - BoscoLighting recommends finding long (at least 3cm long) screws with a similar head to the screws provided for plaster installation.
  - Pre-drill holes for wood screws.
  - Through the suspension mount, screw the wood screw into the hole.
- Push suspension wire through suspension mount, pushing on the suspension mount to allow the wire to slide through.
- Attach other end to panel.
- Wire can be adjusted up and down by pushing the suspension mount and pulling on the wire.
- Using a spirit (bubble) level, adjust cable length to suit desired height then cut the excess cable.

<sup>1</sup>The suspension kit is oriented such that adjustments to the length are carried out at the top end by the ceiling and not by the light fitting.

<sup>2</sup>Concrete lugs are not supplied but should be available at most hardware stores or electrical wholesalers.



## Maintenance

- Make sure that the power to the LED Panel Lights 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.

## 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.
- 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.