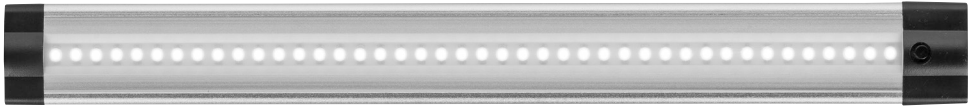


INSTALLATION & MAINTENANCE MANUAL  
**LEDxxx / LEDTxxx**



## GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

These instructions should be used to aid installation of the following products:

LED3WB / LED3WCW / LED3WWW / LED5WB / LED5WCW / LED5WWW / LED11WB / LED11WCW / LED11WWW  
LEDT3CW / LEDT3WWW / LEDT5CW / LEDT5WWW / LEDT11WCW / LEDT11WWW

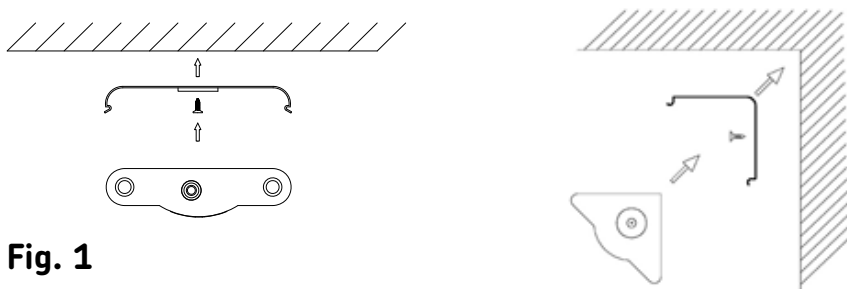
## SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress Protection) rating of this luminaire when deciding the location for installation
- This product is Class III
- This product series is IP20 rated
- This product is dimmable with LEDDIMMER or LEDTD1\* (\* suitable for flat range only)

## INSTALLATION

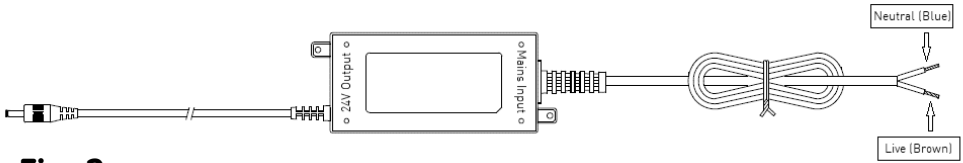
**Note** – If this luminaire is being used in conjunction with an external PIR or sensor, please confirm with the manufacturer of the sensors that they are compatible with LED lamps

- Provide power to the required point of installation
- Using the clip as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas / water pipes or electrical cables and insert the luminaire into the clips until it locks into place (see Fig.1)



**Fig. 1**

- Ensuring correct polarity is observed, connect the 230V mains supply to the primary side of the 24V constant voltage driver, Live (Brown), Neutral (Blue) (LEDAD36 pictured, not supplied) (see Fig. 2)



**Fig. 2**

- Connect the secondary side of the driver to the luminaire
- Switch on and check for correct operation
- Multiple fittings can be linked by using connectors or link leads (not supplied)

**Note** – The flat range of luminaires is equipped with a switch that enables each luminaire to be switched individually

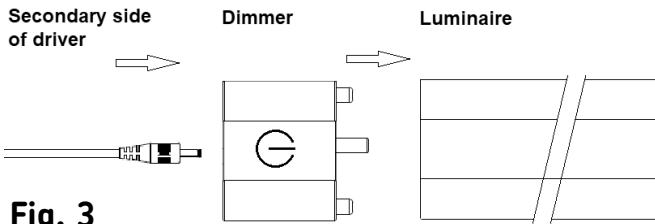
## ACCESSORIES\*

\*Accessories sold separately

**LEDTD1** – a touch dimmer that plugs into the flat range of luminaires and enables all further units to be controlled by the dimmer - up to a maximum of 36W

**Note** – this dimmer has a memory function to retain the brightness level when the mains power is switched off

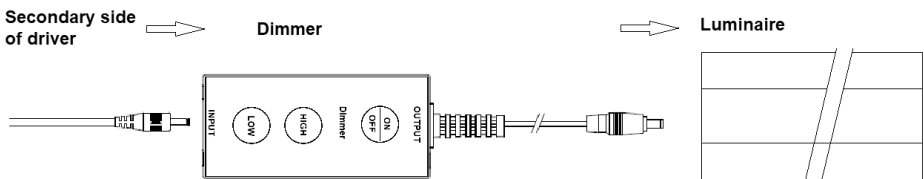
- Connect the touch dimmer to the luminaire
- Connect the secondary side of the driver to the touch dimmer (see Fig. 3)



**Fig. 3**

**LEDDIMMER** – suitable for both the flat and triangular ranges of striplights and enables all further units to be controlled by the dimmer - up to a maximum of 36W

- Connect the dimmer to the luminaire
- Connect the secondary side of the driver to the dimmer (see Fig. 4)



**Fig. 4**

**LED8SPLIT** – an 8-way splitter for use with the flat and triangular ranges of striplights

- Connect the secondary side of the driver to the splitter
- Connect the luminaires into the sides of the splitter - up to a maximum of 8

**LEDFCON / LEDTCON** – connectors used to link striplights

**LEDRACON** – right angle connector used to link flat striplights

**LEDTD2** – a plug-in power connector for the flat range of striplights – for use with drivers that have no suitable connector on the secondary side

- Remove the 2 screws from the top of the connector to remove the cap
- Ensuring correct polarity is observed, connect the secondary side of the driver into the power connector using suitable 2-core flex (see Fig. 5)

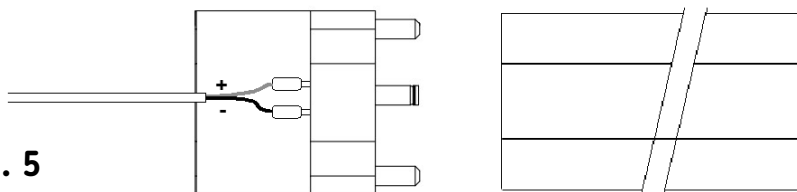
**Secondary side  
of driver**



**Power connector**



**Luminaire**



**Fig. 5**

- Replace the cap and secure with the 2 screws
- Connect the power connector to the striplight
- Switch on and check for correct operation

## WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed

## GENERAL

The LED lamps fitted in this product are non-replaceable. The product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product

This product is dimmable with LEDDIMMER or LEDTD1\* (\* suitable for flat range only)

## WARRANTY

This product has a warranty of 1 year from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.