

## INSTALLATION & MAINTENANCE MANUAL

### Dimmable LED Drivers

---



## 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:

12DC50D / 24DC50D / 24DC100D

## SAFETY

- Installation of this driver should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this driver and LED load is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress of Protection) rating of this product when deciding the location for installation
- This unit is rated at IP20
- This product is Class II and does not require an earth
- This product should be placed in a suitable enclosure
- This product is dimmable with most trailing edge dimmers (check compatibility with dimmer manufacturer)

## INSTALLATION

- Provide power to the required point of installation
- Connect the LED driver to the mains supply ensuring the correct polarity is observed (see Fig 1).  
Live (brown), Neutral (blue)



Fig 1

- Connect a suitable LED load to the secondary side of the driver + (red) – (black)
- Ensure cable strain relief is securing the cables effectively
- Switch on power supply and check for correct operation

## **WARNING**

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

## **GENERAL**

The unit should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

## **WARRANTY**

This product has a warranty of 3 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes 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.

# Knightsbridge<sup>®</sup>

the mark of quality



ML Accessories Limited  
LU5 5TA  
[www.mlaccessories.co.uk](http://www.mlaccessories.co.uk)

SBDEC17\_V1