



**British Electric Lamps**  
Looking to the future

# INSTALLATION INSTRUCTIONS

## IP65 COB FIRE RATED LED DOWNLIGHTS



BS 476  
Part 23



90mins protection Part 'E' Compliant Dimmable ø70mm

### GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation for further reference and maintenance.

### SAFETY

- Before installation or maintenance ensure that the mains supply to the luminaire is switched off and the circuit supply fuses are removed or circuit breaker turned off.
- A qualified electrician **MUST** be consulted or used for the installation of this luminaire.
- This luminaire must be installed to the current edition of the IEE wiring regulations and relevant building regulations.
- Check that 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.

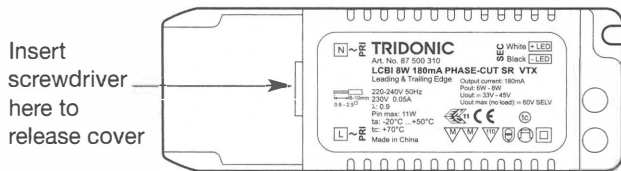


fig 1.

### INSTALLATION

- Cut a suitable hole in the ceiling as per the cut-out details ensuring that it does not infringe with electrical cables, water/gas pipes or ceiling joists.
- Carefully fold back any insulation material so as to allow free circulation of air.
- Remove the terminal cover on the driver by inserting a screwdriver into the gap and prizing back the cover. (see fig 1.)
- Connect the mains cable into the terminal block ensuring correct polarity is observed and that if stranded cable is used that all strands are terminated.
- Re-fit the terminal cover securing the mains cable under the cable clamp.
- Place the loop in loop out driver through the hole and into the ceiling cavity.
- Fit the downlight into the hole (see fig 2.) in the ceiling with the 2 spring clips supplied. (see fig 3.)
- Test for correct operation.

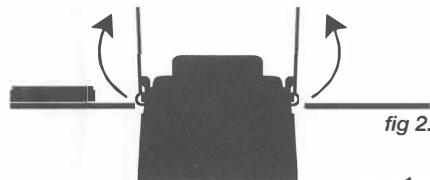


fig 2.

Fold spring clips upwards and insert fitting into hole.

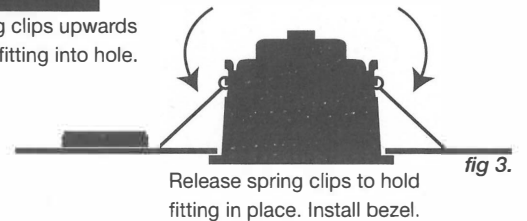


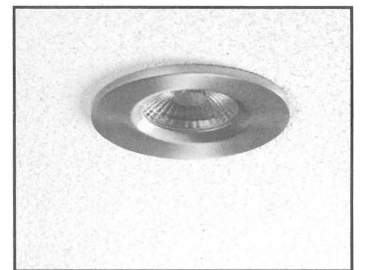
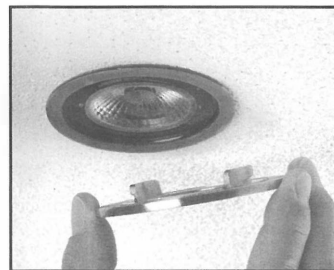
fig 3.

Release spring clips to hold fitting in place. Install bezel.

### BEZEL FITMENT/REPLACEMENT

Alternative colour bezels are available.

- To install the bezel align the 2 lugs on either side of the bezel with the holes in the downlight.
- Push the bezel lugs through the holes in the downlight and twist 30 degrees clockwise to lock in place.
- To remove the bezel twist 30 degrees anti-clockwise and pull down.



### DIMMING

The fitting comes as standard with a dimmable loop in loop out LED driver that allows the user to regulate the light output to best suit their lighting needs. Please note:-

- The driver can be used with most trailing and leading edge dimmers.
- Please examine carefully the manufacturers guide on the dimmer switch you intend to use and check compatibility.
- In some cases you may need to change or upgrade your dimmer switch if the unit flickers or does not dim smoothly.

**7 Year domestic guarantee (Terms and Conditions apply).**