

WARNING: DO NOT USE NORMAL LOW VOLTAGE TRANSFORMERS WITH LEDs.

All LED fittings are tested before dispatch. It is not necessary to check them on site. Do not power up until fittings are wired correctly.

INSTRUCTION LEAFLET




LD22 Pendant Special

Miniature 24V Linear LED System

This product should be installed by a qualified electrician in accordance with all current, local legislation. For the UK, the current edition of the IEE Wiring Regulations and European Standard IEC 60364.

SPECIFICATION

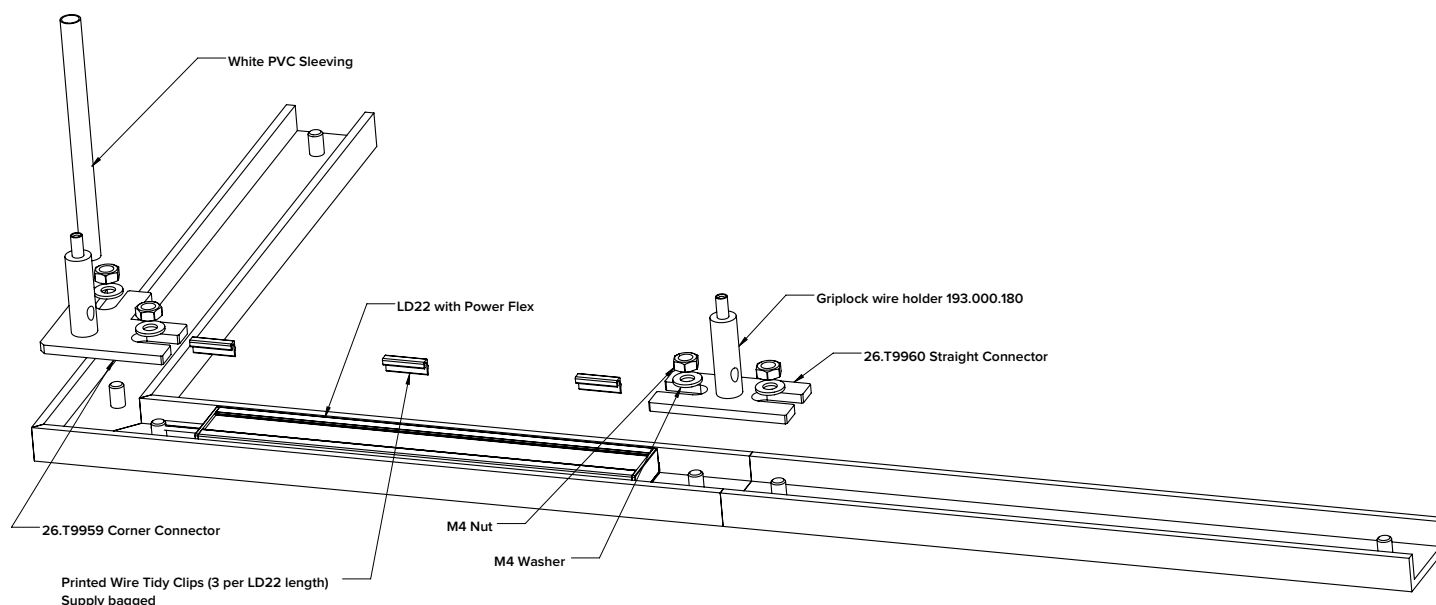
LED Linear luminaires are class III  for Safety Extra Low Voltage supply  **24V DC** driver. LEDs consumption rated at 22.7 W/m.

Suitable for mounting on normally flammable surfaces. 

LD22 is **IP40** rated.

Lumen Maintenance: 50,000 hours L70 at Max Ambient of 35°C

ASSEMBLY OVERVIEW

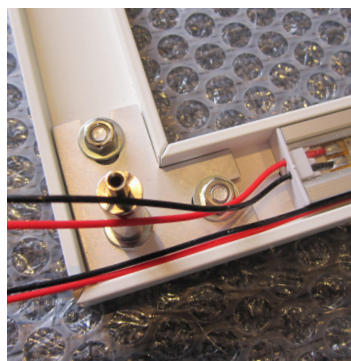


INSTALLATION



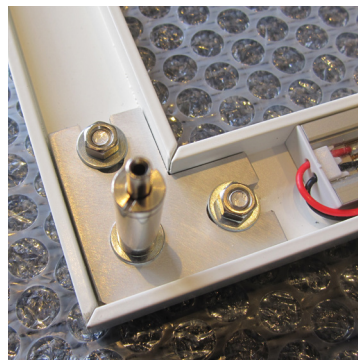
ONE

Arrange LED channel sections as shown in the provided "LD22 Pendant Layout Drawing".



THREE

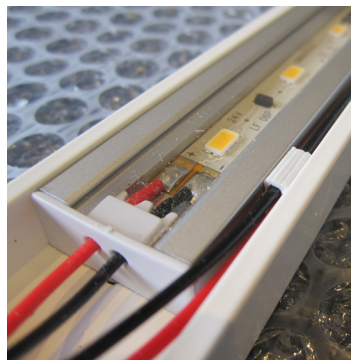
Using the groove next to the LEDs, route the cables to the driver location (as shown on the "LD22 Pendant Layout Drawing").



TWO

Undo the nut and washers on the channel and attach the straight/corner connectors to the channels.

Re-attach the nut and washers.



FOUR

With the cables in place. Push the provided "Wire Tidy" clips into the grooves to hold the cables in place.

3 clips per metre recommended.

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FIVE

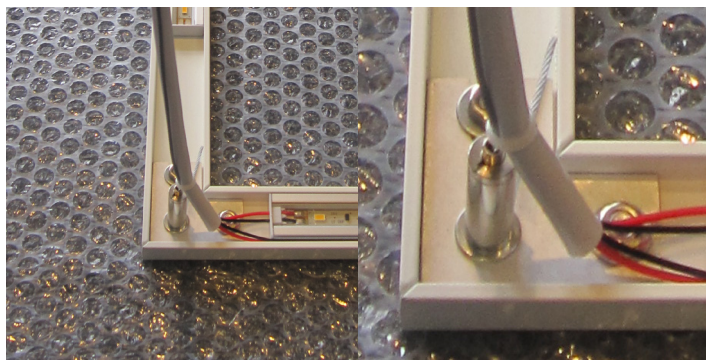
With all the cables routed to their correct location. Push cables into the provided white PVC sleeve.



SIX

Attach suspension wires to the channel connectors.
Push down the top of the wire holder to pass the wire through.
Release the wire holder when enough of the wire has gone through.

Gently tug at the wire to confirm that the wire holder is gripping correctly.



SEVEN

The LD22 Pendant is now ready to be hoisted into position.

Once the pendant is at the desired height, cable tie the sleeving to the suspension wire.

WIRING

Do not power up until fitting is wired correctly! Constant voltage LEDs must be wired in parallel, polarity is critical! See table for polarity of cables.

Single Colour LEDs		
Colour of Cable	Red	Black
Polarity	+	-

Route all cables to the specified driver. Drivers must be located no more than 10m from the start of the LD22, due to volt drop.

LD22 requires a minimum voltage input of 23V at the start of the LED run.

SEE SPECIFIED DRIVER SHEET FOR WIRING DIAGRAM

IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Do not switch on the power source prior to making these connections as this will result in the LEDs being overvolted, which can lead to failure of the LEDs and/or the driver.

If the LEDs do not work upon power up, turn off the power source immediately and check the polarity of the wiring.

MAINTENANCE

Lamps: Non Replaceable.
Clean with soft cloth.

This leaflet should be issued and retained by the end user.

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