



Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation of Sedna LED Troffer Retrofit Kit series - SDTRF

WARNING: This product must be installed in accordance with the applicable installation code by a competent persons familiar with the installation and operation of the product, IEEE national wiring standards & hazards involved

Installation Instructions

DANGER-RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION - DO NOT TOUCH LED EXPOSED COMPONENTS/PCB

NOTE: THE RETROFIT TROFFER KIT IS ONLY SUITABLE FOR LUMINAIRES MADE OF SHEET STEEL CONSTRUCTION. IF YOU HAVE ANY OTHER MATERIAL OR ARE IN DOUBT, PLEASE REFER TO THE MANUFACTURERS GUIDELINES FOR INSTALLATION USING SELF-TAPPING SCREWS

1. Identify installation location & check for any passing wiring/piping prior drilling and installing cables. Note: Ensure chosen surface is of sufficient strength/thickness to withstand weight of LED fitting installation.
2. Remove ALL existing control gear including ballast emergency packs, lamp holders, connection blocks & internal wiring to ensure luminaire backplate is clear & free of obstacles that may interfere with the fixing of the Troffer plate to the luminaire.
3. Select a suitable cable entry point in the base located by the **MARKED 'knock-outs' ONLY** on either side or the rear.
4. Identify/install mains power supply wiring within close vicinity to the installation area. Wire into the luminaire feed mains supply using appropriate cable size (Recommended 3-core type insulated cable of diameters 1.0mm - 2.5mm cable size) via the feed input connector located inside the luminaire: Live (L), Neutral (N) & Earth (E). **NOTE: LUMINAIRE IS CLASS I & DOES REQUIRE AN EARTH.** OPTION: if dimming control required, ensure have appropriate source signal with via +/- . Install as per control manufacturers guidelines. **Ensure that cable clamp is used.**
4. Insert the troffer into the luminaire & press firmly to ensure magnet adhesion between the 4/6 magnetic points & the backplate. Ensure power cable is free & not interfering with fixing of the Troffer to the luminaire backplate. The fixing of the plate should be checked with a soft pull. If in doubt, remove the entire fitting & re-position.
5. **Once satisfied with the position of the fitting, the 2 retainer straps located on the outer edges of the Troffer MUST be fixed to the luminaire casing.**
6. Re-fit the diffuser and secure all the clips.
7. Check all connections are sound and properly insulated. Verify that the modifications are correct and safe.
8. Switch power on.

NOTE: Installation of LED luminaire with modification to the unit, or incorrect fitting in accordance with the above instructions could result in damage/failure of the luminaire, which may invalidate warranty.

WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS

Risk of fire or electric shock. The electrical rating of these products are 100 - 280V AC, the installer must determine whether they have 100 - 280V AC at the luminaire before installation.

2. Risk of fire or electric shock. Luminaires wiring, or other electrical parts may be damaged when installing of other hardware. Check for enclosed wiring and components
3. Risk of fire or electric shock. Kit installation requires knowledge national wiring and electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
4. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
5. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

For more information, contact your supplier for further details. Installers should remove any existing wire/luminaire systems prior to installation.

SUITABLE FOR DRY LOCATIONS ONLY. THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

Luminaire must be operated within an ambient fixture temperature of -20°C to 50°C to comply with all safety and warranty regulations. Ensure sufficient air flow around the for efficient heat dissipation. Failure to do so could significantly reduce luminaire life and/or safety/warranty regulations.

Environmental Protection (W.E.E.E.) – Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking (left) must not be disposed of with other household or commercial waste. We do not levy any WEEE disposal charges to its customers for affected WEEE related products. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice. If, when you purchased product, your supplier included a WEEE disposal fee, you should then contact your supplier for advice on their take-back of the product for the correct disposal.

MANUFACTURER'S GUARANTEE - This product is guaranteed in the country of purchase for the number of years as stated from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not in accordance with the advised instructions and/or national wiring regulations. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase and reserve the right to alter specifications without prior notice.