

# Installation Guide

## — Philips LEDtube EM/Mains T8



Tools and Installation Guide

Packing list  
Philips LEDtube: 20 pcs  
EMP (to replace starter): available as accessory  
Installation Guide  
Warning Sticker

| SYMBOL | MEANING                                                                      |
|--------|------------------------------------------------------------------------------|
|        | DO NOT USE WITH DIMMERS                                                      |
|        | LAMP SUITABLE FOR 50Hz OR 60 Hz OPERATION                                    |
|        | NEED TO BE USED WITH LED REPLACEMENT STARTER EMP                             |
|        | NEED TO BE USED IN DRY CONDITIONS OR IN A LUMINAIRE THAT PROVIDES PROTECTION |

This lamp is not suitable to be used in emergency luminaires designed for double-capped fluorescent lamp(s).  
Operating ambient temperature -20°C to +45°C  
This lamp may not be suitable for use in all applications where a traditional fluorescent lamp has been used. The temperature range of this lamp is more restricted. In cases of doubt regarding the suitability of the application, the manufacturer of this lamp should be consulted.  
This lamp is designed for general lighting service (excluding e.g. explosive atmospheres).  
Always switch off the power supply before commencing work!



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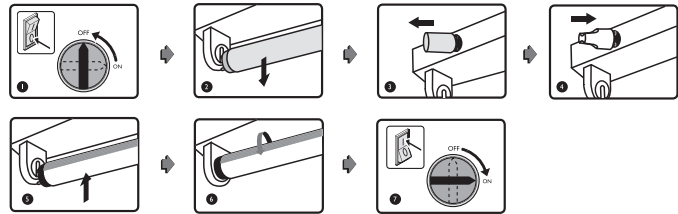
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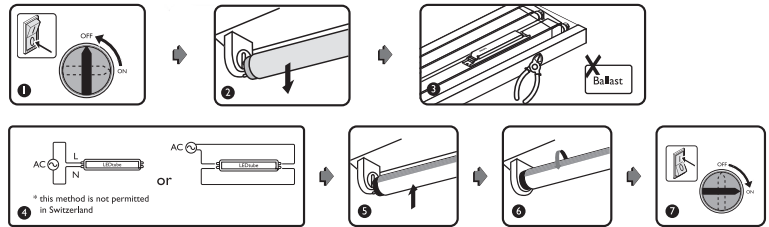
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### Installation on Electro-magnetic ballast



- No modifications of the luminaire are to be made in this application.
- It is recommended to remove the compensation capacitor to improve power factor.
- LEDtube 600mm is not suitable for series operation.

### Installation on direct mains



- This application shall be used in case there is series compensation capacitor installed.
- The fluorescent starter, if installed in the luminaire, shall be removed or bypassed (LED replacement starter can be used for this purpose).
- The installation shall be performed by qualified professionals in accordance with relevant local code.
- The fixture has been modified and can no longer operate the originally specified fluorescent lamp. Stick the Warning Sticker on the luminaire after the modification has been made.

Please inform yourself about the local waste disposal, separation and collection system for electrical and electronic products and packaging. Please act according to your local rules and do not dispose your old product and packaging with your normal household waste. The correct disposal of the packaging, your product and/or batteries will help prevent potential negative consequences for the environment and human health. Batteries should be disposed separately from the municipal waste stream via designated collection facilities. When disposing a product that contains non-user replaceable batteries, the non-user replaceable batteries shall be removed by a professional.

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