

INSTALLATION INSTRUCTIONS

• **Eco-Tubo[®] CLASSIC**

In this section you will find connection diagrams for the diverse models of Eco-Tubo[®] CLASSIC that you may have purchased and the configuration of your luminaire. For example, if your luminaire has four fluorescent tubes and only two electromagnetic ballasts, you may need the model EBM-214R M/S, or the older model EBM-114RD.

NOMENCLATURES.

The electrical connection methods have varied together with the changes in legislation and directives in the different countries where we sell our products.

This has forced us to implement a nomenclature system for the diverse Eco-Tubo[®] CLASSIC models.

Example: **EBM-228R-IC-BL-DI**.

EBM: Electronic Ballast for Magnetic systems.

228: 2 x 28W T5 tubes.

R: with reflector.

IC: Integrated Circuit – for pre-warming of the filaments and longer T5 lifespan.

BL: Bi-Level – Two power and light intensities (100% and 80%).

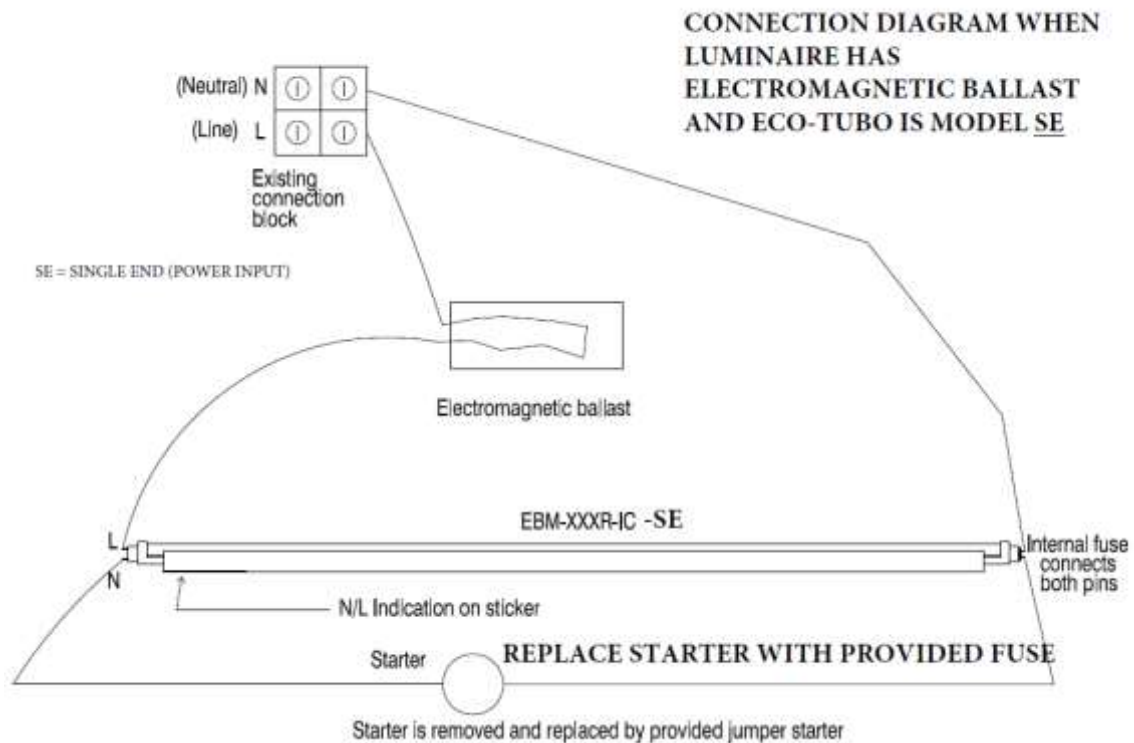
DI: Direct Input (mains power is connected directly to integrated ballast, without using the G13 pins for power input). This suffix can be replaced by:

SE: Single End (mains power is supplied through G13 pins at one single end of the adaptor. This configuration includes a fused starter replacement).

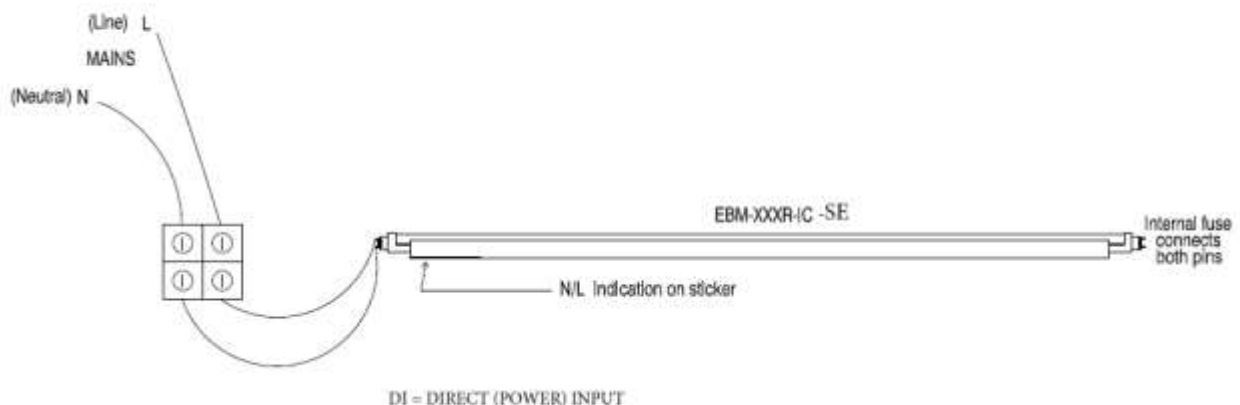
DE: Dual End (mains power is supplied through G13 pins at both ends – one end gets Line and the other end gets Neutral).

If, for example, your luminaire already has an electronic ballast, your best option is the model with **DI** in the nomenclature.

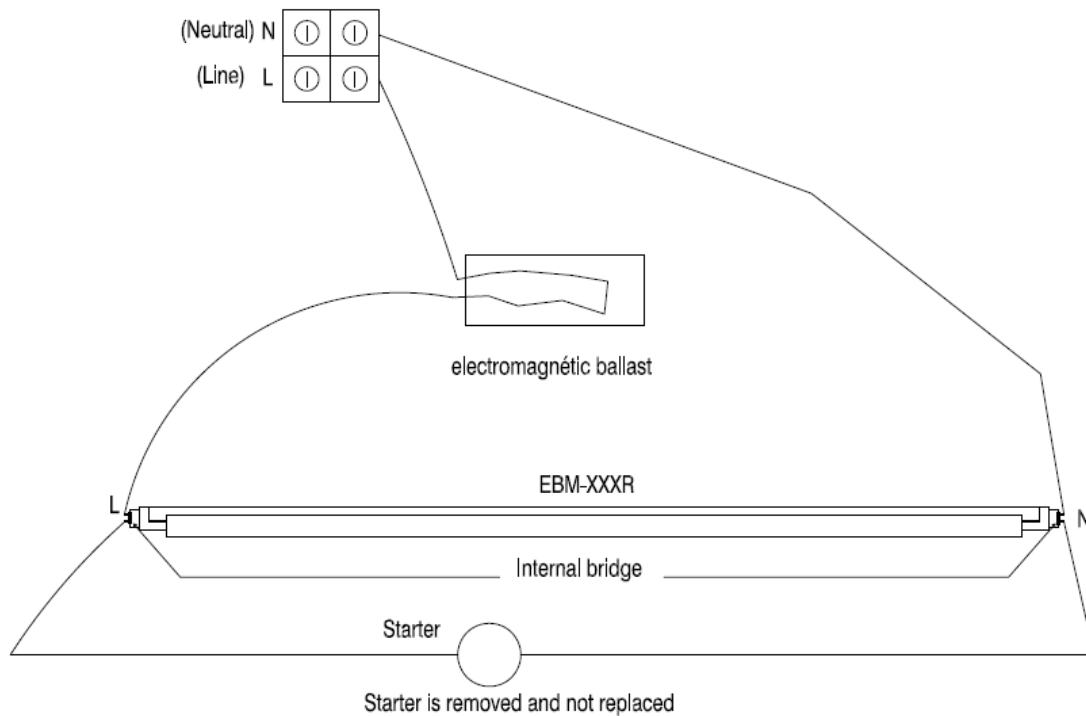
1. Connection diagram for Eco-Tubo® CLASSIC in luminaires with electromagnetic ballasts. The reference of this adaptor will have an “SE” (SINGLE END) suffix, and will be supplied with a fused starter replacement.



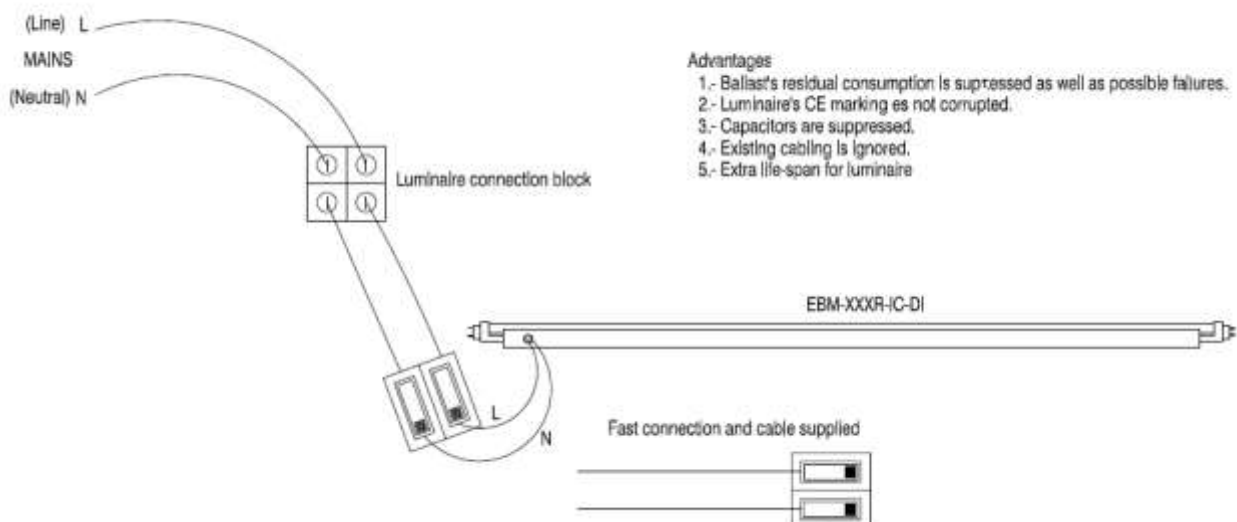
2. Connection diagram for Eco-Tubo® CLASSIC in luminaires fitted with electronic ballasts. The reference of this adaptor will have an “SE” (SINGLE END) suffix, and will be supplied with a fused starter replacement which you will not use and can discard.



3. Connection diagram for Eco-Tubo® CLASSIC in luminaires fitted with electronic or electromagnetic ballasts. The reference of this adaptor will have a “DE” (DUAL END) suffix, and will be supplied WITHOUT a starter replacement.



4. Connection diagram for Eco-Tubo® CLASSIC in luminaires fitted with electronic or electromagnetic ballasts. The reference of this adaptor will have a “DI” (DIRECT INPUT) suffix, and will be supplied WITHOUT a starter replacement, but with a fast connection cable to be connected to mains.



5. Connection diagram for Eco-Tubo® CLASSIC EBM-228R-IC-BL-DI (MASTER/SLAVE) in luminaires fitted with 2 or 4 tubes.

