

When connecting a load to a Luzen One Dimmer, the choice of the load type is very important, since the ETS parameterization of Luzen One will depend on that choice. There are three different types of load that can be connected to the Luzen One:

1) Resistive load

Conventional load (simple bulb) without transformer between resistive load and dimmer.



2) Electronic Transformer (Capacitive load, “C”)

Most of the transformers for light loads are electronic transformers. Such devices have a printed “C” symbol (capacitive).



3) Magnetic Transformer (Inductive load, “L”)

This kind of transformer is quite heavier and larger than the electronic one, due to the coils, which make it behave as an inductive load. They are less common.



NOTE) Forbidden loads and default “Inductive load”

Any kind of load that is not included among the load types explained before is completely forbidden. This includes any transformers, whenever their objective is not providing power supply to a conventional light load (for example, power supply for optical fiber, power supply for LEDs, etc.).

We strongly recommend using “Inductive load” as a parameter when there is any doubt about the type of transformer, otherwise the dimmer could be damaged. Nevertheless, the best option is asking Zennio Technical Department about that.