

## FIND OUT ALL THE DETAILS OF THE ENERGY EFFICIENCY REGULATIONS

Royal Decree 1890/2008, dated 14 November, approved the Energy Efficiency Regulations for outdoor lighting installations, as well as its complementary technical instructions.

It applies to outdoor lighting installations with more than 1 kW of installed power, both new and existing, which undergo major expansion or changes (more than 50% of the power or the installed light fittings).

It requires reducing the level of illumination in street, specific and ornamental lighting installations, as well as signs and illuminated notice boards with an installed power of more than 5 kW (unless, for safety reasons, it is not advisable). The following systems can be applied:

- ▶ Inductive serial ballasts for double power level.
- ▶ Regulators-stabilisers at the line head.
- ▶ Electronic ballasts with adjustable power.

The regulation system must enable the emitted flow to be reduced by up to 50% of the normal service value, maintaining uniformity of lighting levels.