

Technical resources

## ► WIZARD, simple and standardised architecture

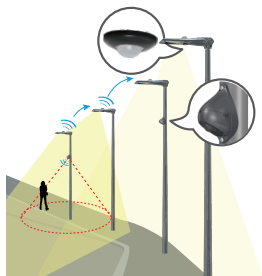
The **WIZARD CMS system system** provides management and remote control of all your public lighting network street lights.



The **WIZARD antenna** is fitted directly to the luminaires using a standardised **ZHAGA connector** with a **D4i power supply**.

The luminaires communicate with a gateway, which communicates using the **Cloud** using supervision software.

The 230 V gateway, which is usually placed in a cabinet, uses the GSM network or Ethernet to send the data to the cloud. A long range protocol (Lora or SigFox) is available on request.



The street lights can be coupled to detectors, such as infrared motion detectors to detect pedestrians and cyclists, but also to vehicle detection radars.

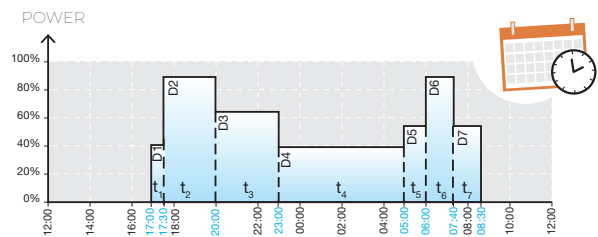
Every WIZARD antenna has a built-in GPS chip allowing for the precise geolocation of each street light when they are commissioned as well as for remote configuration.



User accounts with different privileges can be assigned. This data can be hosted on the manager's private server or in external data centres.

When necessary, studies will determine if WIZARD is compatible with other remote management or CAMM systems.

Every street light fitted with the WIZARD system can run a night time dimming programme with 10 time slots associated with variable lighting intensities plus calendar management or suitable agenda profiles.



The WIZARD system can be used to control the power to other functions such as light panels or Christmas decorations in order to best manage their use and their installation.

The WIZARD solution reports data about possible malfunctions or failures on the installation. Maintenance is thus made easier by supervision, optimum management and traceability of servicing and public lighting network repair operations.

## Completely autonomous

The WIZARD solution gives you the keys to simply manage your lighting network

ECLATEC is by your side to help you set up a customised and effective solution. You can manage your lighting freely or we can offer you our expertise.

