

LIGHTperMETER's sensing & control technology

DIMMING

There are simple control systems such as : switch, single push button, dimmer, timer and there are smart, automated control systems.

Through the use of presence and/or daylight harvesting sensors, you can realize immediate energy savings on the lighting energy bills. Proper lighting controls may also be able to decrease maintenance costs or ... to increase comfort.

The two types of wired lighting control systems are:
analogue lighting control : 0-10 volt, 1-10 volt, ... and
digital lighting control : DSI based systems, DALI® based systems, KNX based systems and DMX based systems (DMX is often referred to as DMX 512).

There is also a wireless lighting control system that is based on some standard protocols like ZigBee and others. In the near future the iPad and smartphone + apps, will become an important partner and player in lighting control.

Tech-savvy homeowners today expect the same convenience and control in their homes that they get from their smartphones and tablets, which is why builders are adding lighting controls as a standard offering to their development projects. The combination of form and function transforms new houses into dream homes.

So, some choose lighting controls to achieve energy savings, others to increase comfort. Our in-depth understanding of lighting controls enables us to meet these needs, by integrating innovative components and advanced lighting systems into the LIGHTperMETER luminaires.

