

FAQ - Frequently Ask Question

What is the main benefit of Powerline technology?

Powerline technology adapts to existing infrastructure, power supply system, cable system and luminaires.

I have luminaires and I want lighting control to achieve energy savings. What I need to know?

Each luminaire has LED driver. It is necessary to know, if your LED driver offers dimmable function.

I have dimmable LED driver. How can I control my lighting?

You just install the dimming module with SEAK technology.

I want to have lighting control and save my money, but luminaires have non-dimmable LED driver.

You must replace old LED Driver with our dimmable LED driver with built-in SEAK technology.

Why is SEAK SMART technology unique?

Our patented technology achieves high stability and reliability.

How can I install schedule to luminaires?

With using STREET RT online through web connection or directly at the lamp through temporarily connected Ecobox.

Who will program saving schedule to luminaire?

Schedule is programmed by vendor or the customer.

How do I know how much I will save with SEAK technology?

You can calculate it by free available software Ecocstreet. In this software you can simulate money savings with using lighting schedule during the year.

You can download here: <http://www.seakenergetics.com/en/files/software>

Is the dimmable module DIM BAR suitable for all types of lighting sources?

DIM BAR is designed for all available type of lighting sources – LED drivers, HID ballasts and fluorescent ballast.

Where can be dimming module placed?

In the corpus of the luminaire or integrated in LED driver.

How many luminaires can be controlled with SMART powerline on one line?

Up to 65 535 luminaires.

Is this technology suitable for countries with large differences between duration of night in summer and in winter?

We created geo-adaption function, which delays the start of dimming depending on the season, which is beneficial for these countries.

Are products by SEAK suitable for adverse weather conditions?

Yes, our products are equipped with high ingress protection – LED Driver (IP67) nad DIM BAR module (IP54).

What happens with luminaires after a power failure? Will luminaires light up to 100%?

After a power failure, luminaires are dimmed to a value, which has been set before the power failure. The last dimming value is stored in Luminode/Lumibar/Dim bar/SCC driver.

What happens, if a dimming command should have been transmitted during power failure?

When the power comes on after the failure, the last dimming command that should have been transmitted according to schedule will be re-transmitted. That way we achieve that luminaires are behaving as expected (as if there was no power failure).