



Luminext

Interoperability

OLC400 Zhaga Wirepas

Prepared for the future OLC400 Zhaga Wirepas

Standardization and interchangeability are the basis of tomorrow's smart street lighting. With the OLC400 Zhaga, Luminext is in line with the Zhaga standard. This standard makes it possible to have hardware from different suppliers work together inside the luminaire.

OLC400 ZHAGA WIREPAS

With the OLC400 Zhaga lamp controller public street lighting can be managed, monitored and controlled remotely. This lamp controller is suitable for luminaires with a Zhaga connector. In combination with a D4i driver in the luminaire, the OLC400 Zhaga provides access to the most comprehensive information present in the luminaire.

The OLC400 Zhaga is attached to the Zhaga connector of the luminaire with a simple turning movement. In advance at the factory or afterwards on site.

LARGE SCALE APPLICATION

The OLC400 Zhaga and the accompanying Gateway RF4 use the ultra scalable, stable RF4 mesh network with Wirepas technology at 2.4 GHz. Because this technology is used worldwide by a large number of suppliers, it is a very flexible and secure solution. In the self-repairing network, the nodes themselves determine the ideal data route, so that any failure in a lamp controller or gateway is automatically overcome.

The RF4 lighting network with OLC400 Zhaga can be expanded indefinitely and can be used on a large scale; for example in residential areas, on main roads, with emergency street lighting linked to sound sensors and with street lighting that can be activated by motion sensors.

MORE INFORMATION

Luminext - Velperengh 2-B, 3941 BZ Doorn, The Netherlands - tel. +31 343 420 257 - info@luminext.eu - www.luminext.eu

FULL INTEGRATION IN LUMINIZER

The management and control of the OLC400 Zhaga is fully integrated in the Luminizer software platform. This lamp controller fits perfectly into the complete range of Luminext smart lighting systems, that provides a suitable technology for every application. The various systems can be combined side by side in the same area and integrally controlled with Luminizer as the central cockpit.

AUTOMATIC CONNECTION

Thanks to the GPS functionality, the OLC400 Zhaga can be automatically added to an installation, without the need for manual adjustment.

The OLC400 Zhaga has an accelerometer to measure tilt and the light level is registered with a lux meter. The status information of the lamp and the driver plus the information about the energy consumption are unlocked from the driver. In addition, this OLC400 Zhaga discloses all asset data preprogrammed in the D4i driver, such as luminaire type, color and power. Measurements from external sensors can also be unlocked.

FEATURES

- Can be used on a large scale
- Suitable for all luminaires with a Zhaga connector
- Integrated in the Luminizer software
- GPS, tilt and lux measurement
- Access to all information in the D4i driver
- Supports 4 channels