

### DESCRIPTION

The esave SLC-Hub103 offers operational specialists a smart, flexible and cost-effective control. From static long-term to dynamic high-performance projects, the SLC-Hub exceeds monitoring demands of today and tomorrow.

SLC-Hub103 can be operated in combination with any luminaire equipped with the Lumawise Endurance S socket from TE connectivity (Zhaga-connectivity module). An operator can easily retrofit a luminaire via Plug and Play.

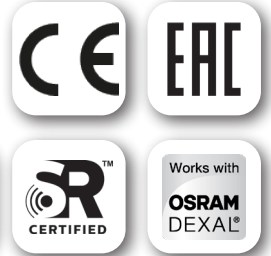
### Versions of the 200 series

SLC-Hub

SLC-Hub GPS



### Certificates



### Features (all SLC-Hub)



Mesh Network



On-Site Management



Remote Management



Tilt Sensor



Brightness Sensor



Optional Motion Sensor



Temperature Sensor

### extra Features (SLC-Hub GPS)



Built-In GNSS



Automatic Positioning



## Mesh Network

The Communication is ensured via an automatic, organizing 2.4 GHz mesh network. Each street light communicates with all luminaires which can be reached.

- Automatically organizing mesh network
- Industry standard 2.4 GHz wireless network
- AES 128Bit encrypted data transmission



## Remote Management

The Light Management Platform of esave provide highly accurate information about the current and historical status of a lighting network. The Network can be configured, monitored and managed remotely via the cloud. This will help to accelerate decision making, providing cost-effective maintenance, and improving public services.



## On-Site Management

Be in control of your data with full flexibility to manage your lighting networks on site. Our software with intuitive and easy-to-use configuration tools allows you to set the operational mode and dimming level for every individual luminaire or a group of luminaires. Customize it once and it works efficiently every day.



## Built-In GNSS

The optionally integrated GNSS receiver (Global Navigation Satellite System) provides the luminaires with the current date and time information. This enables fully automatic, minute-by-minute control of the lighting.

GNSS:  
GPS / GLONASS / BeiDou / Galileo / QZSS



## Automatic Positioning

The built-in GNSS receiver helps to automatically locate and commission a single street light.



## Tilt Sensor

Due to the integrated inclination sensor, movements of the X-, Y- and Z-axis can be perceived. If a road user collides with a pole, a message can be generated that the inclination is no longer the same. This sensor enables street lamps to be checked and repaired more quickly.



## Temperature Sensor

Due to the integrated temperature sensor, the controller can be actively monitored. By regularly checking the information about the luminaire status, proactive maintenance and failures can be detected prematurely.



## Brightness Sensor

Due to the integrated brightness sensor, the light can be switched on or off depending on the set brightness value. Since each SLC-Hub is equipped with a brightness sensor, no additional mounting of an external sensor is necessary.



## Optional Motion Sensor

Through the use of motion sensors, the lighting becomes dynamic. Once the sensors register analogue movement in the illumination area, light intensity is automatically increased to a higher level and a message is sent to the next luminaire, which also increases the intensity of the light before a pedestrian or a vehicle reaches the next luminaire position.