

DESCRIPTION

The new SLC-Motion enables an easier implementation of the smart solution. Like its predecessors, the SLC-Hub and PIR5 Zhaga Sensor, it was designed for the Zhaga interface and can be attached to the luminaire within a few seconds. It combines the intelligent street light control with the “light on demand” solution in one product. The SLC-Motion receives its intelligence based on the SLC-Hub. This helps to reduce the energy consumption and the maintenance costs to an absolute minimum.

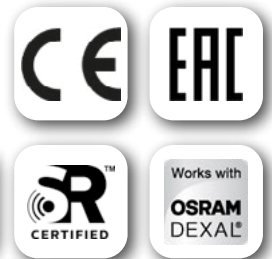
Versions

SLC-Motion ST

SLC-Motion HS



Certificates



Features (all SLC-Motion)



Mesh Network



On-Site Management



Remote Management



Tilt Sensor



Brightness Sensor



Motion Sensor

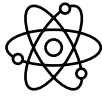


Temperature Sensor

Difference between ST and HS

SLC-Motion ST / SLC-Motion-C ST
Height: 0 up to 6 m

SLC-Motion HS / SLC-Motion-C HS
Height: 6 up to 12 m



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.



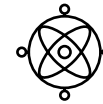
Temperature Sensor

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.



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.



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.