

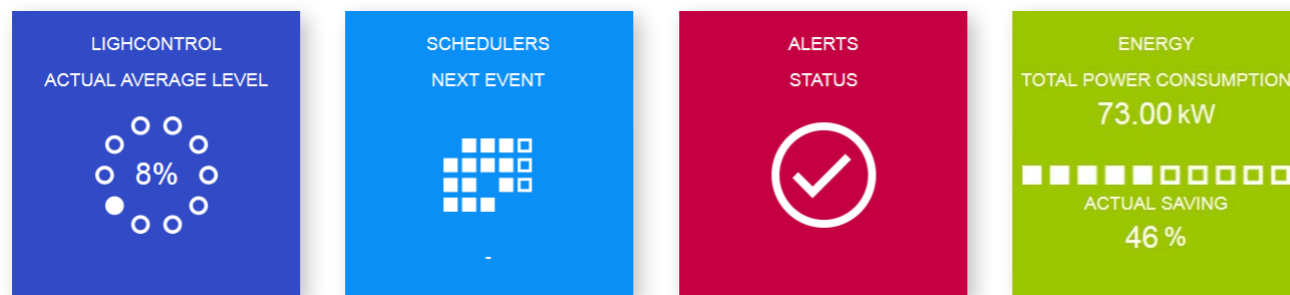


# WEBCONTROL

LIGHT MANAGEMENT SYSTEM

WEB Control is a control device designed directly to the control of SLE lighting solutions. It contains microcomputer Raspberry Pi 2 (Model B), Micro SD card with operating system, USB memory card and USB to Ethernet reduction.

WEB Control is using unique software (WEB based server) which has special designed user interface. It offers user possibilities to adjusting light scenes and schedulers. System also displays Energy measurement history and counting actual Power saving.



## SOFTWARE

- Fronted webpage is coded in HTML and JQUERY
- Backend software is coded in NGINX, Servlets are supported by TOMCAT 7, Backend programming language is JAVA 1.8
- On the microcomputer is running also software written in JAVA 1.8 which takes care about Luminaire communication.
- On the USB memory is stored database of settings and adjustments for schedulers and energy measurements (POSTGRESQL 9.3).
- WEB authentication is ensured by TOMCAT 7 server.
- WEB communication of client server is ensured by HTTPS
- Encrypting is ensured by selfsign certification.