AutoLog® SaveLight is state-of-art energy- and maintenance cost saving system for street lights.

SaveLight PLCBUS (Power Line Communication) can give up to 65% of energy-, money-, and CO2 savings with intelligent light dimming method.

On top of it, SaveLight implementation reduces maintenance costs and breakdown time. All events and alarms are timely forwarded to responsible personnel.

Existing lamps and cables can be used.
HOW DOES THE SYSTEM WORK?

User interface level
- Alarms and events
- Work orders
- Manual control over SMS

Secured access to SaveLight™ control units (PIN code + phone # for SMS) (HTTPS:// + password for WWW)

SMS (two way) E-MAIL HTTPS:// FTP

Secured access to SaveLight™ control units

Communication level
- Control units on dynamic map
- Graphs
- Reports
- Controls
- Schedules

Public GSM / GPRS networks
External antenna in rural areas
Any available Internet connection can be used to access ControlMan™

SMS / FTP data transfer

Automation unit level
- Plastic enclosures for embedding
- Voltage, current measurements
- Illumination sensor

Metal enclosures for wall / pillar installation

Existing wires / cables used for PLCBUS data transfer

Street lighting fixture level
- a lamp-post can be powered 24 hours/day without lighting the day lamp. This application allows running of low-power, low-voltage applications such as WiFi

Existing lamps with new smart features
- types of ballasts: ferromagnetic, electronic ballast

Main surge stabilization cuts off the the blinking effect when light are dimmed. Dimming 240VDC to 180VDC means 60% energy saving.

Two models:
#1: for max. 250 W lamps 148 x 57 x 40 mm
#2: for max. 400W lamps 170 x 75 x 42 mm
Both: -40°...+75°C