



CELtek Street Lighting CMS

A tried, tested and proven technology delivered by CEL, designed and developed in partnership with the Norwegian company Datek, specialists in the development of integration and monitoring products for the street lighting market.

CELtek gives you the power to **control and monitor** your street lighting in order to **maximize energy efficiency**, achieve the **highest cost savings** and the **fastest return on investment** while at the same time helping you to deliver the highest degree of **public safety and security**.

Full Elexon approval

Reduce Costs

- Reduce energy consumption – lower carbon emissions
- Reduce maintenance costs

Ultimate Control

CELtek offers web management via a secure, browser based application, delivering real time lighting control, monitoring, measurement and reporting.

The user friendly interface allows access to the system from any device with a connection to the internet including desktop, laptop, mobile or smart phone. You can quickly and easily interact with your complete lighting network with no additional office/user side technology costs.

Instant system control means you can access, turn on and off, and adjust the power levels of any single lamp, groups of lamps or all lamps throughout the system.

Monitoring and Measurement

Provides visibility of:

- Individual lamps and their status
- Power usage per lamp, group of lamps and the whole system
- Translation of energy savings into Carbon credits
- All components status
- Temperature for each fitting

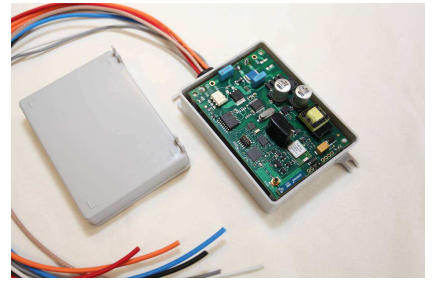
Maintenance made easy:

- Prediction of lamp failure
- Prediction of component failure
- Location of likely failures
- Prevention of lamp failure by automatic dimming to prevent overheating



Management Reporting:

- Access complete management information in real time
- Whole lighting inventory in one place
- Predictive lamp failure
- Power consumption
- Carbon usage
- Energy costs
- Lamp burning hours
- Historic reporting and analysis
- Management of users including access for emergency services is required



Quick and easy Installation

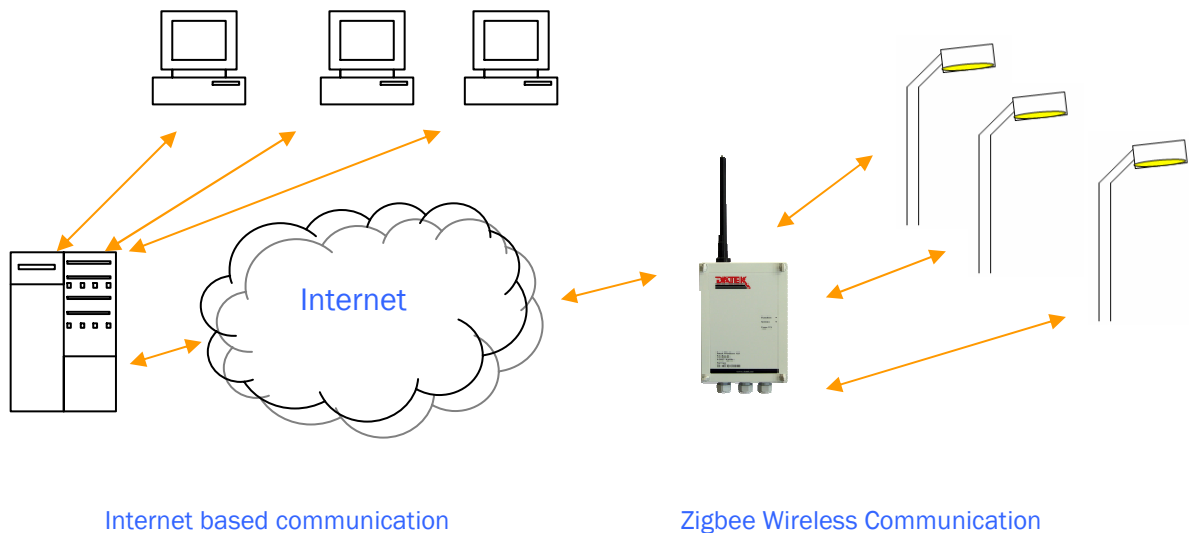
The use of wireless communications, well designed proven technology, through installation of two simple column and luminaire mounted components means installing CELtek could not be easier.

Gateway to operate up to 1,000 units

External LCU (IP67) complete with integral antenna and option for GPS Receiver fits 20mm hole

Internal LCU (IP67) complete with external antenna and option for GPS Receiver

All LCUs have 1-10V dimming and DALI dimming capability.



Options:

Gateway 250

LCU/G3/EXT/DC/DA

LCU/G3/EXT/DC/DA/GPS

LCU/G3/INT/DC/DA

LCU/G3/INT/DC/DA/GPS

LCU/Adapter NEMA

Operates up to 1000 Units

External LCU (fits 20mm hole)

External LCU with GPS (fits 20mm hole)

Internal LCU (external antenna)

Internal LCU with GPS (external antenna)

NEMA Socket Adapter

UMSUG Codes:

CELtek Gateway

CELtek LCU

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