citylone

Smart city & smart lighting

Specialist of outdoor lighting management solutions, **Citylone's connected solutions** will help you to **save energy** and **remain aware of your lights' status** according to your needs.

SMART & OPEN CITY
Cabinet or lighting point solutions

I need to

- Save energy
- Manage remotly my lights for the cabinet or for each lighting point
- Switch off / dim my lighting at precise days or hours
- Know critical events of my installation

Trondheim - Norway

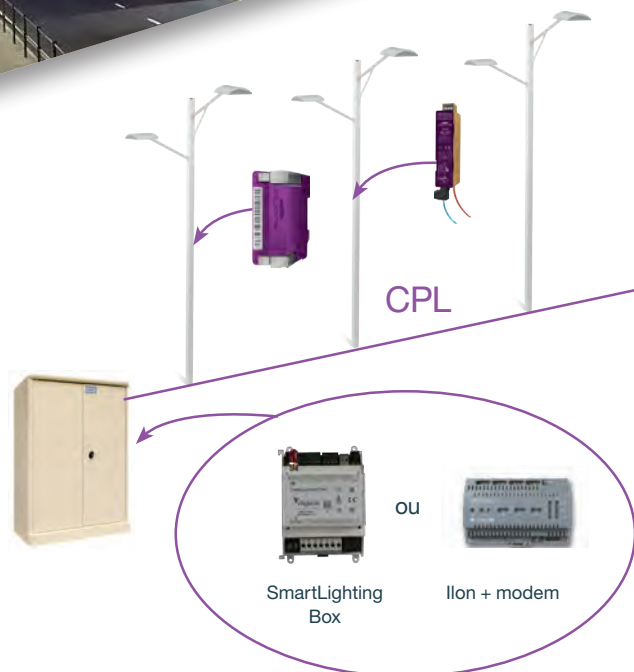💡 Remote lighting management at the cabinet or at lighting point

💡 Use of electrical network to send and receive data (Power Line Communication or radio) with opened and interoperable protocols (LonWorks®, LoRa...)

💡 Configuration with an annual calendar and management of exceptionnal days

💡 Information feedback about lighting point status and failure information to take action wisely

💡 Remote reading of cabinet consumption

💡 Opening toward SmartCity : diverse feedback information (sensors) and powering of external elements

CPL

ou

SmartLighting Box

Ilon + modem

Applications

• DIAGNOSYS OF A TERRITORY: to know critical failures, take quick action and master its consumption.

• PRECISE LIGHTING MANAGEMENT: point by point scenario or at cabinet (according to solutions) to adapt lighting to the needs according to time/attendance or create luminous ambiences.

• MUTUALISE LIGHTING WITH OTHER SYSTEMS IN THE CITY: create a lighting management that can be shared by other applications (car park, traffic, variable messages panels...).
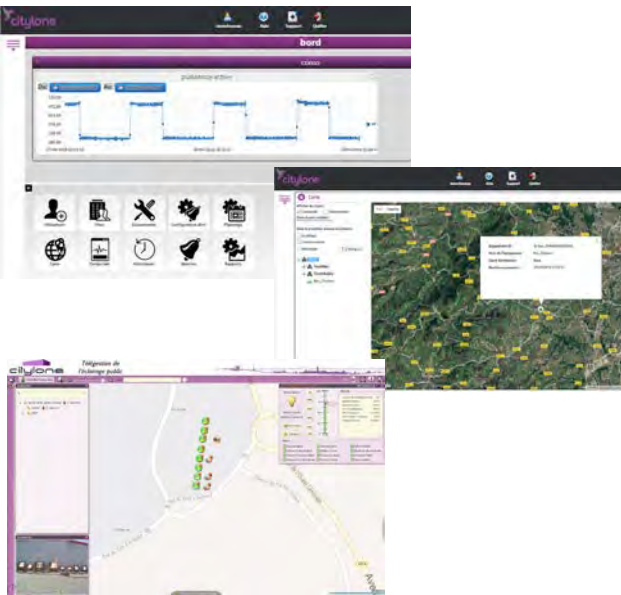
Connected solutions allowed to follow ligting park status and give possiblity to manage it remotly.

Citylone proposes a **cabinet management solution** with SmartLighting-Box® range, to know critical failures at the cabinet (loss of mains, door opening, branch who did not switch on...) and to manage remotly branch programming.

For collectivites who need a thiner management, **lighting point management solutions**, integrating controllers in each pole and a concentrator (iLon Smart server) in the cabinet, will allow them to manage precisely their lights with a point by point programmation.

In both cases, information will be sent to a supervision software with a remote access : programming, consumption, history... either at the cabinet or for each ligting point.

Citylone's connected solutions are also the first building blocks of your Smart City to manage other elements than public lighting.

PRODUCTS

IN THE CABINET	SLB1	SLB2	SLB3
			+ controllers on each pole
Failure feedback Remote metering	✓	✓	✓
Programmable astronomical clock		✓	✓
Group of points dimming			✓

More information : Please refer to product documentation.

Magnetic ballast : Please refer to SL42 documentation.

AT LIGHTING POINT WITH MODULE IN THE CABINET	SL21 + ILON	SL31 + ILON
Dimming (0 to 100%)	✓	✓
Lighting point management	✓	✓
Festive lighting management		✓
Lighting point failures	✓	✓

NORMS / WARRANTIES

DIRECTIVE 2014/35/UE «LOW TENSION»
DIRECTIVE 2011/65/UE «ROHS DIRECTIVE»
DIRECTIVE 2014/30/UE «ELECTROMAGNETIC COMPATIBILITY»

All our Citylone's products have a 5 year warranty by standard exchange (see GTA for conditions)
Citylone's product of this range are made exclusively with components with a MTBF over 100 000h.

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www.citylone.com

17 rue du Pré Magne - 69126 BRINDAS - FRANCE Tél. : +33 (0)4 78 45 65 65