



Smart city & smart lighting

SL11

SL11

Compact urban lighting controller

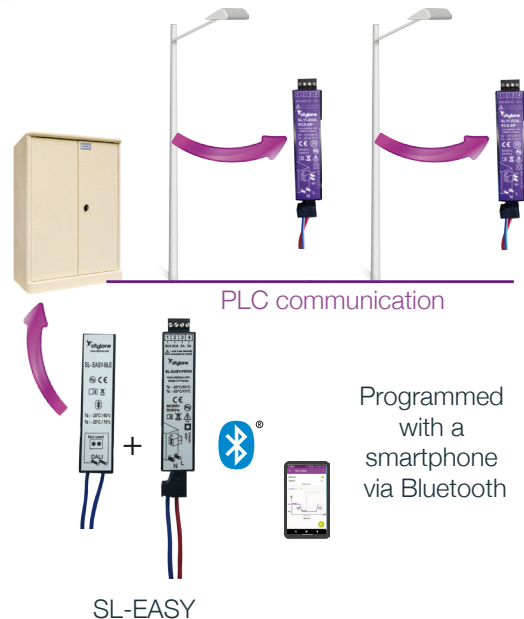
Citylone introduces the **SL11**, the **smallest LonWorks® lighting controller** on the market, providing urban lighting control. It can be programmed with a smartphone via Bluetooth so it can be easily adjusted to any changes.

## Key Strengths

- Compact
- Fixed time or midnight operation
- Configuration via Bluetooth
- Excellent value for money



SL11 controllers at the light point



The SL11 uses **power line carrier** technology (via the existing power grid) and operates using the **LonWorks® protocol**, which is **open and interoperable** (non-proprietary).

The SL11 series controllers can **control DALI electronic ballasts** in an ultra-compact case.

They can operate **locally** (fixed hours or midnight) or be integrated into a **SmartLighting-Box monitoring system** (see solution sheets).

The ultra-compact SL11 can be integrated directly into the lighting fixture or even into a small connection box.

It allows to:

- 💡 **Reduce energy consumption** by controlling the switching on and off, and dimming of the lighting
- 💡 **Easily adapt to existing systems:** wired at the base of the pole or to the lamp
- 💡 **Adjust the light to the requirements of each cabinet** with demand-driven and upgradeable configurations
- 💡 **Control motion detection** for the entire network via DALI or its dry contact input

## MECHANICAL SPECIFICATIONS

Material.....	Self-extinguishing thermoplastic V0
Dimensions .....	L 84.1 x W 20.1x H 36.6 mm (ex. connections)
Weight.....	90 gr
Mechanical protection ...	IP2X


## CONNECTION


Communication.....	PLC Band C - CENELEC EN50065-1 (4800 bauds)
Propagation.....	Repeats the signal from pole to pole Signal loss monitoring
Lon® Network.....	ISO/IEC 14908 LonTalk® protocol-based nodes
Programming .....	Via SL-BLE + SL-PROG and myCitylone application

## ENVIRONMENT

Storage temperature .....	-25°C to +75°C
Operating temperature...	-25°C to +60°C
Humidity .....	95 %

## REFERENCE

REFERENCES	DESCRIPTION
<b>SL11-EDA-ECS-AP</b> Available for local solutions - middle night or fixed hours (-AP)  <i>CAN BE UPGRADED TO            REMOTE MONITORING            VIA SMARTLIGHTING-BOX3</i> 	<b>Controller for DALI ballasts</b> A DALI controller A dry contact input 300W - 2A maximum

ADDITIONAL PRODUCT	
<b>SL-DP002-EDA</b> 	<b>Citylone adjustable motion sensor with pole bracket</b> Power supply by DALI from the controller

## ELECTRICAL CHARACTERISTICS

Power supply .....	88 to 265 VAC / 50 to 60Hz
Power output .....	2A Max
Measurements.....	None

## CONNECTORS - INSTALLATION

Connectors .....	2 unpluggable points (5.08mm pitch connector) for the power output 4 unpluggable points (3.5mm pitch connector) for Dali or DI
Cables.....	0.2 to 3 mm² max single wire (1.5mm² max 4 pts), 2.5mm² max. multi-wire
Power cables	
Installation .....	On Din Rail in the Class II connection box or in the lamp

## STANDARDS / GUARANTEES

2014/35/EU "LOW VOLTAGE DIRECTIVE "  
 2011/65/EU "ROHS DIRECTIVE"  
 2014/30/EU "ELECTROMAGNETIC COMPATIBILITY DIRECTIVE"  
 All our products come with a 5-year warranty for standard exchange  
 (see T&C for details).



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