

# 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



PLC communication



SL-EASY

Programmed with a smartphone via Bluetooth

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

## 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 mm<sup>2</sup> max single wire  
 (1.5mm<sup>2</sup> max 4 pts),  
 2.5mm<sup>2</sup> 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).

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

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



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