citylone
Smart city & smart lighting

SLeco

Street lighting energy saver

Citylone has launched new ranges of lighting controllers that are cost-effective, subscription-free, without management and easy to install.

The SLeco, **a street lighting energy saver,** can be used to control the **dimming, partial switch off and/ or detection** of outdoor lighting.
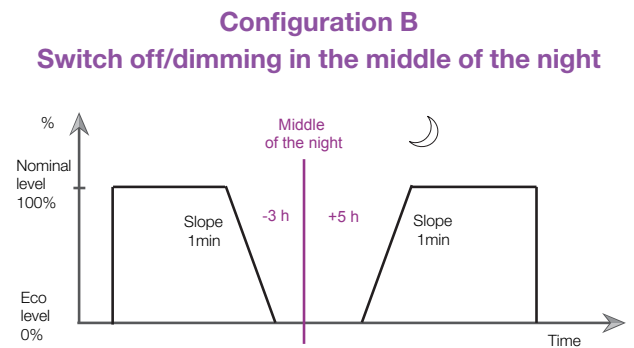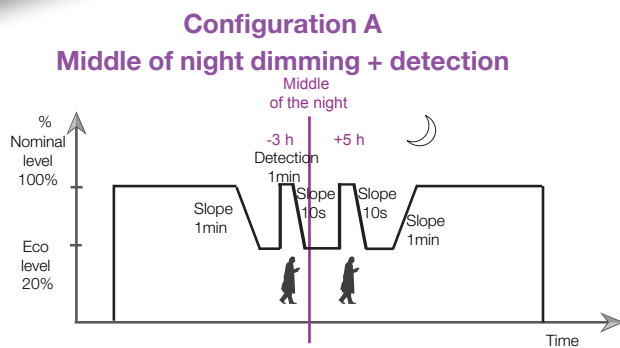
Key Strengths

- A pre-configured stand-alone product for easy installation
- Configuration can be modified with a remote control
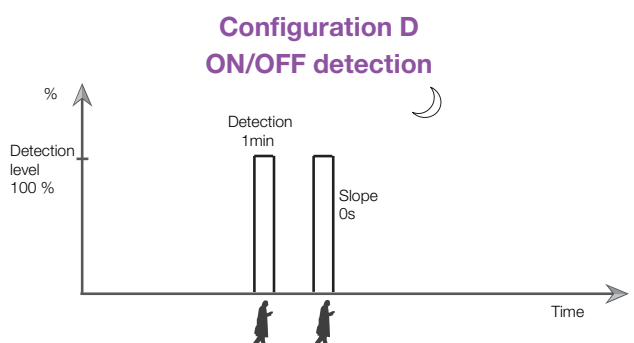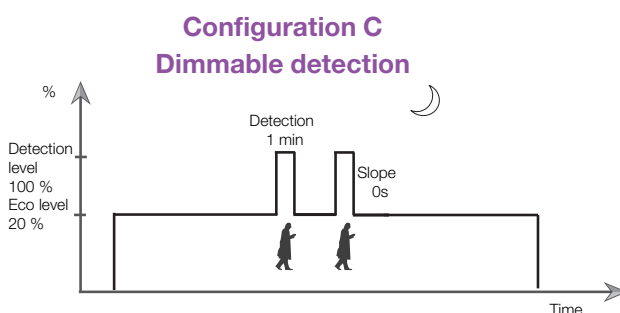- No batteries or internal clock

The SLeco is a **non-transmitting,** controller that **controls your lighting fixtures** in a simple way. It is easy to use, pre-configured and offers different operating modes to suit your **energy saving** needs.

1 PRODUCT, 4 OPERATING MODES (pre-configured and adjustable)

Configuration A
Middle of night dimming + detection

%
Nominal level 100%
Eco level 20%
Middle of the night
-3 h +5 h
Detection 1min
Slope 1min
Slope 10s
Slope 10s
Slope 1min
Time

Configuration B
Switch off/dimming in the middle of the night

%
Nominal level 100%
Eco level 0%
Middle of the night
-3 h +5 h
Slope 1min
Slope 1min
Time

All possible configurations via remote controller

Configuration C
Dimmable detection

%
Detection level 100 %
Eco level 20 %
Detection 1 min
Slope 0s
Time

Configuration D
ON/OFF detection

%
Detection level 100 %
Detection 1min
Slope 0s
Time

FEATURES

Programmable from the midnight point

Adjustable high and low levels between 0 and 100%.

Adjustable detection levels between 0 and 100% and detection time

Adjustable ascending and descending slopes

Adjustable parameters point by point via a simple infrared remote control

APPLICATIONS

On an existing network:

- Switch off specific lights along a line, without switching off the other lights from the cabinet
  E.g. a housing estate area operated by the same cabinet as the main streets of the town
- Switch off or dim lights from 10 to 100% with electronic ballasts
- Midnight switch-off of lights with ferromagnetic ballasts

On a new network:

- Switch off or dim in the middle of the night
- Motion detection activation
- Switch off festive lighting

In detection according to use, up to 70 to 80% savings

€ Standby mode at 20% and low use

By switching off for 8 hours per night, up to 70% savings!

8h x365 days = 2920h
Over a lighting time of 4200h/year

50% savings without switching off all night

€ 8h at 30 %x365 days = 2920h and 1280h at 100% over a lighting time of 4200h/year

PRODUCT RANGE

For more technical information, refer to the technical and installation guide.

REFERENCES	DESCRIPTION
SLECO	**Stand-alone controller for DALI and/or 1/10V ballasts*** **+ DALI Citylone motion sensor control** A DALI control and a 1/10V control An ON/OFF switch for the power output No power line carrier communication 300W - 2A maximum *in compliance with the technical specifications of the ballast and the source
SL-DP001-EDA	**Integrable Citylone motion sensor** Power supplied by the SLeco
SL-DP002-EDA	**Citylone motion sensor with pole bracket** Power supplied by the SLeco
SL-TP-U	**Universal remote controller** To configure the SL-Eco Compatible from version 2.0 and above

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