citylone
Smart city & smart lighting

SL-NEMA-WP
Connected lighting controller
With NEMA connector
Wirepas radio protocol

Key strengths

- NEMA 7 pin standardized connection
- Relay to cut powering during the day
- Dynamic detection management (with additional sensor)

FRENCH DESIGN / FRENCH MANUFACTURING

WHAT ?

One DALI driver or one ON/OFF luminaire management

Detection management (with additional sensor through DALI or dry entry contact) including dynamic detection.

Time programs management (integrated astronomical clock), lamp management

Electrical measures, functioning times, lamp status feedback, failure feedback, number of detections

Information feedback from other sensors through 0/10V entry.

Local configuration in Bluetooth® through free application under Android and iOs

Remote configuration through CMS in connected mode.

WHEN ?

Simple mast equipped with **NEMA connector** management

ON/OFF **management of a non DALI luminaire** trough relay

Ease of **maintenance with nacelle**

Sites including **presence detection**

Local ou connected mode

PRE-REQUISITES

Luminaire equipped with **7 PIN NEMA connector**

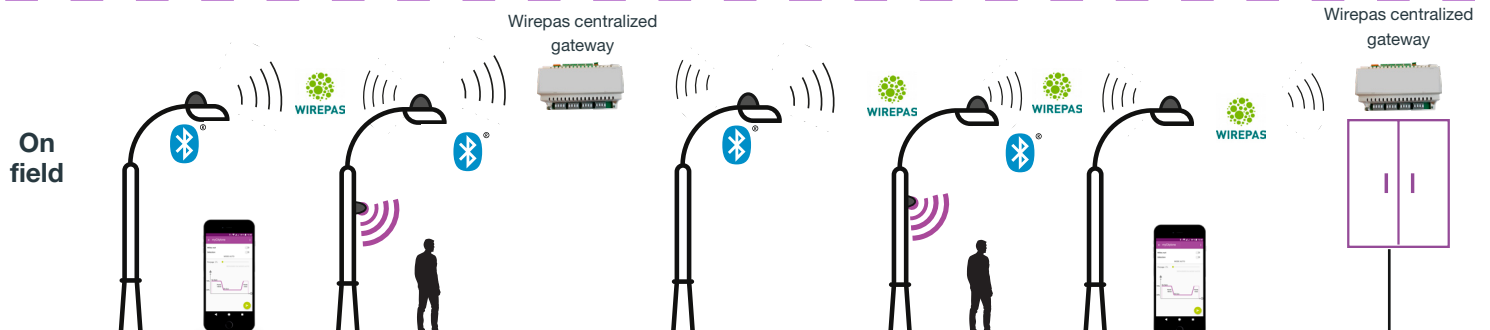**In connected mode: Wirepas ecosystem** with Wirepas gateway, router and server

HOW ?

In connected mode

Lighting point remote control
Programming
Alarms
Data collect...

Optional
Can add
Counter management
Line supervision..

Wirepas centralized gateway

Wirepas centralized gateway

On field

WIREPAS

MECHANICAL SPECIFICATIONS

Material. . . . . cover V0 Polycarbonate

Dimensions

   diameter. . . . . 83 mm

   height . . . . 75 mm

Weight. 165gr

Mechanical protection . . . IP66

RADIO

Wirepas (Mesh network)

Range . . . . free field: 300m

                         optimum spacing: 40m

Security . . . . AES128 encryption

Network . . . . private

Communication . . . . . . two-way

Bluetooth

Range 10m

Bluetooth Low Energy V4.2

Smartphone connectivity: Android : version 5 minimum

                                 iOs : version 10 minimum

Citylone disclaims responsability in case of incompatible smartphone

ENVIRONMENT

Storage temperature . . . . . -25°C to +75°C

Operating temperature . . . -25°C to +60°C

Humidity . . . . 95 %

ELECTRICAL CHARACTERISTICS

Power supply . . . . 88 to 265 VAC / 50Hz

Power output . . . . 3A max

Relay . . . . 3A max

Informations . . . . Lamp status (on/off, dimming, faulty) Lighting hours, number of detections

Measurements. . . . . Current, Voltage, Power, Power factor, Temperature, Instantaneous and cumulative consumption (energy consumed)

CONNECTORS - INSTALLATION

Connectors . . . . 7 points NEMA

                           ANSI C136.41.2013

Installation . . . . on NEMA socket located on luminaire

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).

RANGE

REFERENCES	DESCRIPTION
SL-NEMA-EDA-WP Local or connected mode	**Lighting controller for DALI driver - Wirepas communication NEMA 7 PIN connector** 1 output for DALI driver management Compatible with Citylone sensor (DALI wiring) or market sensor (dry entry contact wiring) 0/10V entry for external sensor 600W - 3A
SL-NEMA-ED-WP Local or connected mode	**Lighting controller 1/10V driver - Wirepas communication NEMA 7 PIN connector** 1 output for 1/10V driver management Compatible with Citylone sensor (DALI wiring) or market sensor (dry entry contact wiring) 0/10V entry for external sensor 600W - 3A

In connected mode, SL-NEMA-EDA-WP or SL-NEMA-ED-WP must imperatively be integrated in a Wirepas ecosystem with a Wirepas gateway (ref TL-WP, please refer to technical documentation for more details), a router and supervision.

Please consult us for more information.

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