







SL22-WP

Lighting controller Pole installation Wirepas radio protocol





Key strengths

- 1 single equipement for 2 DALI luminaires
- Easy configuration by smartphone
- Simplified maintenance at the pole
- Dynamic detection management (with additional sensor)



WHAT?

Management of 1 or 2 DALI drivers in local or connected mode Detection management (via DALI) including dynamic detection

Time programs management (integrated astronomical clock or according to light level with additional sensor in connected mode), lamp management

In connected mode: electrical measures, functioning times, lamp status feedback, failure feedback, number of detections

Luminaire switch off during the day on a permanent network to avoid drivers consumptions

Local configuration in Bluetooth® through free application under Android

Remote configuration through CMS in connected mode

WHEN?

Simple or double pole

Adapted to pedestrian poles

Small height pole: easily integrable narrow controller

Installation on renovated installations

power supply till 300W maximum

Sites with detection

Local ou connected mode

PRE-REQUISITES

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

HOW?

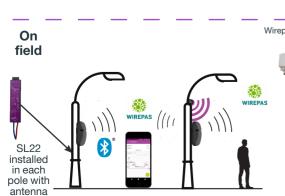
In connected mode



Lighting point remote control Programming Alarms Data collect...



Can add Counter management Line supervision..















MECHANICAL SPECIFICATIONS

ANTENNA

Weight......280gr with cable (6m)

Mechanical protection ... IP44

CONTROLLER

ELECTRICAL CHARACTERISTICS

Power supply 88 to 265 VAC / 50 Hz

Power output 2A Max

Information.....Lamp + driver status (on/off, dimming,

faulty), lighting hours

Measurements...... Current, Voltage, Power,

Power factor, Temperature, Instantaneous and cumulative consumption (energy consumed)

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

CONNECTORS - INSTALLATION

ANTENNA

Installationby drilling on the pole - 26mm hole

Cable (powering)6m

CONTROLLER

2 pts push connector...... Cables of 0.2 to 3 mm² max single wire

2.5mm² max multi-wire

4 pts pluggable connector (tread of 3.5 mm)

Cables of 1.5mm² max single wire

2.5mm² max multi-wire

Wires for powering

Installation on DIN rail in the Class II connection box

ENVIRONMENT

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

Humidity 95 %

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
SL22-WP	Lighting controller for DALI or 1/10V drivers - Wirepas communication
SL22 controller	Either 1 DALI output for 1 to 2 independant luminaires
+ SL-Connect antenna	Or 1 1/10V output
Connected mode	Measure Current, Voltage, Power, Power factor, Temperature, Energy
	Compatible with Citylone sensor - wiring in DALI
	300W - 2A

In connected mode, SL22-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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