

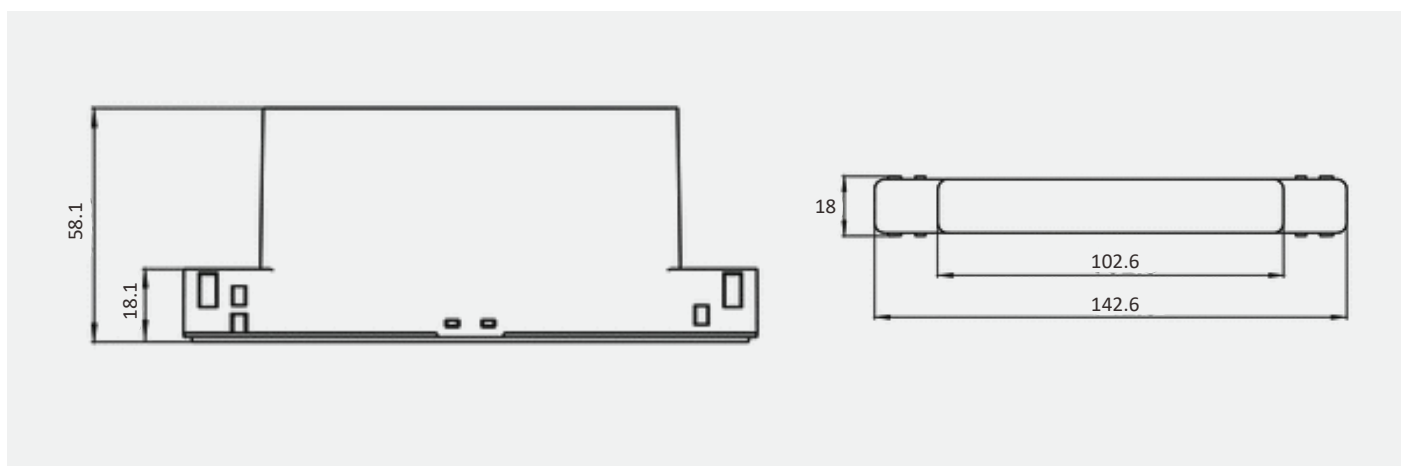
## J1200-EN-1812 SERIES TRACK LIGHT

### PRODUCT FEATURES

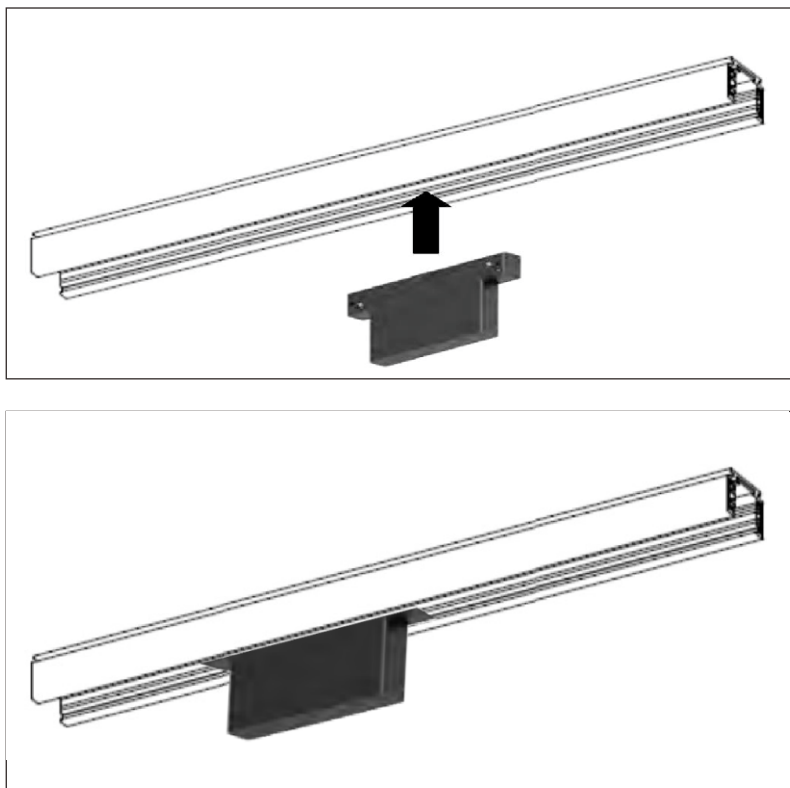
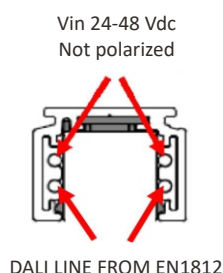
- Power supply 24Vdc to 48Vdc, not polarized
- Suitable for installation on MULTISYSTEM® MULTISYSTEM® EVO tracks.
- Fused and protected against voltage peaks
- It can be controlled by means of the CASAMBI apps
- EN1812 CASAMBI generates the DALI line and the related commands DALI compatible, according to the IEC 62386 standard (not optoisolated)
- Two automatic programming modes, Standard and Fast Group, to program new lamps found on the bus
- Allows for the connection of up to 64 DALI lamps (control gear), assigning them to up to 8 groups
- Fixtures available for: Broadcast control, 8 groups, 4 TW groups
- The lamps on the bus are controlled by means of group commands: each lamp will execute only commands sent to its belonging group.
- POWER SUPPLY: 24 Vdc to 48 Vdc, not polarized
- Power consumption: 8 W
- Output DALI current: 180 mA (max)
- Environment working temperature: -20°C to +40°C



### DIMENSIONS



### PRODUCT FEATURES



### OPERATION

Requirements: MULTISYSTEM<sup>®</sup> or MULTISYSTEM<sup>®</sup> EVO track, compatible DALI lamps (control gear IEC62386-102), EN1812 DaliGate Casambi device, Smartphone / Tablet for using the Casambi APP.

Incompatible devices: DALI master (control device IEC62386-103) or line power supplies (bus power supply IEC62386-101).

### CHANGING CASAMBI PROFILE

In order to change CASAMBI profile, EN1812 must be powered and NOT PAIRED to any CASAMBI network\*.

From the Casambi app, select "Change Profile", and then choose one:

- EN1812\_V2\_STANDARD: factory default, manages up to 8 groups standard lamps programming
- EN1812\_V2\_BROADCAST: only broadcast commands (lamps on the bus will not be programmed)
- EN1812\_V2\_FAST\_GROUP: manages up to 8 groups, Fast Group programming
- EN1812\_V2\_TW\_STANDARD: manages up to 4 Tunable White groups, standard lamps programming
- EN1812\_V2\_TW\_FAST\_GROUP: manages up to 4 Tunable White groups, Fast Group lamps programming

### PROGRAMMING DALI LAMPS

- lamps must be new, or reset if previously used.

If necessary, see the RESET LAMPS section (page 4).

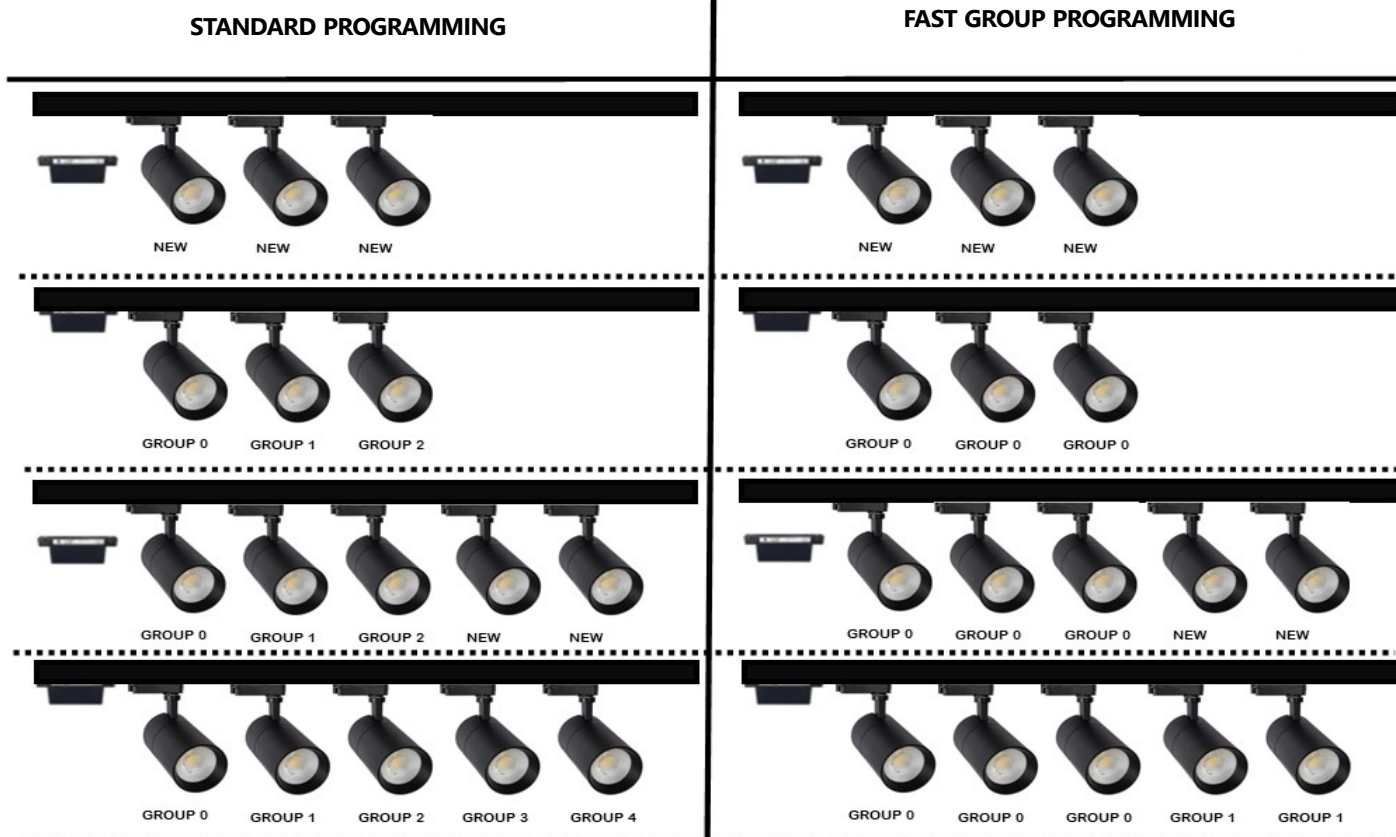
- before programming the lamps, it is recommended to install and configure the CASAMBI APP. See the CASAMBI CONTROL section (page 4).

Automatic programming can be Standard or Fast Group, depending by the active profile (see previous section CHANGING CASAMBI PROFILE)

At first power-on, CASAMBI VOICE scans the bus, looking for the presence of new lamps. In Standard Mode, lamps will be programmed with different address, distributing them between the allowed groups. In Fast Group, all the new lamps will be assigned to a single group. If during the bus scan, programmed lamps are found, the new lamps will be programmed assigning them to the first empty group available.



### PROGRAMMING OPTIONS



The lamps intensity will follow the slider corresponding to the programmed group: Slider 0 will control the Group 0 lamps intensity, Slider 1 will control the Group 1 lamps intensity and so on

#### PROGRAMMING WITH EXTERNAL DALI PROGRAMMER

An external DALI programmer can be used to program the group on every lamp. Valid groups are only groups between 0 and 7. By assigning the lamp to a different group, the lamp will not execute any command.

#### RESET OF LAMPS (erasing DALI group assigned to lamps)

Using the CASAMBI APP, act on the main icon (in picture) just like turning all devices on and off, 20 times, consecutively.

During this phase, the lamps will follow the on and off commands and finally they will stop working, at the twentieth maneuver. This situation will confirm the reset of the lamps present in the system.

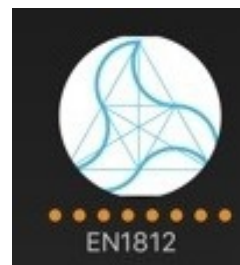
In some cases, even less than 20 cycles may be enough to reset

**IMPORTANT:** to guarantee the correct reprogramming, after the reset, both lamps and EN1812 should be removed from the track and kept off the track, for at least 15 sec

The system is now ready to be reconfigured

#### ATTENTION

By connecting and powering the track (EN1812 and lamps) without programming the system, EN1812 will program all the new lamps in RANDOM mode (all profile except EN1812\_V2\_BROADCAST).



### CONTROL SETUP

#### CASAMBI CONTROL (standard profile)

On first use, install the Casambi app via App Store or Google Play.

- Create a new network: from the APP access the "My networks" section, select "Create new network" and choose from those available.

Evolution Network recommended.

- Then freely enter a name for your new network.

- add to the network the DALIGATE (EN1812), detected via bluetooth.

To be recognized, the EN1812 device must be inserted in the track and correctly powered. (The device will also be detected by the "Nearby devices" section on the APP home page and indicated by a red icon on the side)

- access the created network: in "My networks" section, locate the Entity icon, corresponding to the associated EN1812 device.

By acting on this icon it will be possible to use the Casambi functionalities and access the groups of lamps, as long as they are already correctly configured

#### Functions:

- touching the main Entity icon allows you to turn on / off all the lamps at the same time

- by touching the icon and dragging upwards, the General Slider appears, allowing for simultaneous adjustment of all the lamps.

- by pressing and holding the main icon, 8 Sliders will appear.

Each Slider separately controls the brightness of the associated group

#### IMPORTANT:

- if the network initially selected was the Classic type, only the first 4 sliders will be usable

- if the network initially selected was Evolution type, all the sliders will be usable

#### Disconnect CASAMBIVOICE from the Casambi network

The Casambi app also allows you to remove EN1812 from your network, or from a network to which it was wrongly associated.

If it has been associated, for example, to an unknown network, you can

disconnect it using the "disconnect device" app function

- when asked to "turn off and turn on quickly" it will be necessary to disconnect EN1812 from the track, and connect it again in few seconds.

#### BUTTON CONTROL WIRELESS (OPTIONAL)

It is possible to control all the lamps or the desired group using the buttons kit.

It is available in two versions:

cod. E001-SWIT-BLE1, two keys

cod. E002-SWIT-BLE2, four keys

Each key can be configured to control:

- all lamps

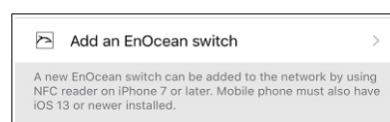
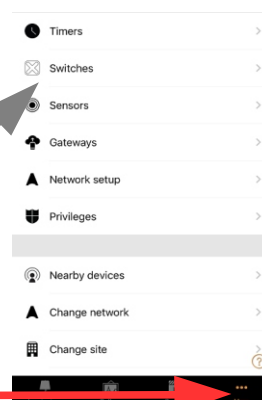
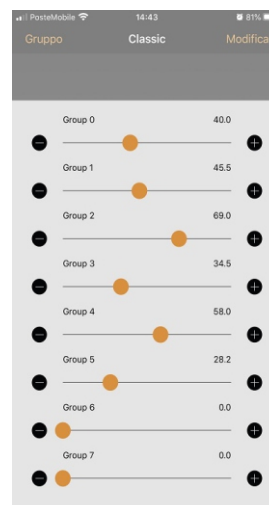
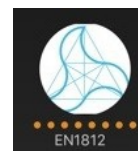
- a group of lamps

- an element of a lamp

From the main screen select "More" and then select "Switches"

To select

"Add an EnOcean switch"



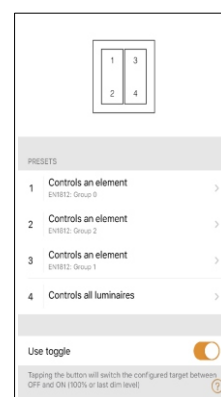
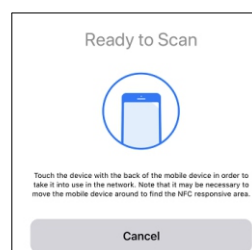
### HOW TO INSTALL

When the "Ready to scan" message appears  
move the button close to the mobile phone RFID antenna, to identify it

Once found, it will be identified as "PTM215B"

Click on its icon to display the related menu

Select a Key number to program its behaviour:  
By means of the "Control element" function, it is possible to  
individually manage the keys operations



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