# MINI-1AC-CASAMBI

Device Manual

*Made in Italy*


## FEATURES

- AC DIMMER + FADER
- Brightness adjustment of WHITE and MONOCHROME light
- Power supply (AC IN): 230 Vac @ 50 Hz, with internal 1 A fuse
- Output (AC OUT): 230 Vac Trailing Edge (350 W max), for incandescent and halogen lamps, LED switching lamps, strip and linear LED lamps, dimmable Trailing Edge drivers
- Local Command (PUSH): N° 1 N.O. push-button
- Remote control: via Bluetooth Low Energy (BLE) with CASAMBI© mobile app
- Device configuration via CASAMBI© mobile application, parameters can be set (via Fixture):
  - Dimming curve
  - Max and min brightness levels
- Memory function: stores the last brightness level set
- ON/OFF and brightness soft dimming
- Suitable for use in Dry locations
- Typical efficiency > 95%
- Extended temperature range
- 100% Functional Test

## PRODUCT DESCRIPTION

MINI-1AC-CASAMBI is a single-channel Alternating Current (AC) Trailing Edge dimmer, which can be supplied by 230 Vac mains power grid and is suitable for driving single-color AC loads such as incandescent and halogen lamps, LED switching lamps, LED strips/lamps and dimmable drivers in Trailing Edge mode.
The AC dimmer is equipped with an internal 1 A fuse, protecting the internal circuitry, which makes the installation of an external fuse optional. The maximum output current is 1.52 A and has the following protections: input fuse protection, output short-circuit protection, short-circuit detection, and output open-circuit detection.
MINI-1AC-CASAMBI can be controlled remotely via Bluetooth or locally via N.O. (Normally Open) button connected to the phase, neutral or as a dry contact. The type of wiring is recognized when it is turned on and the dimmer is automatically configured to work with the control connected.

MINI-1AC-CASAMBI enables you to make not only simple brightness adjustments but also more dynamic lighting control systems. This is made possible through the creation of multiple scenarios, animations, timers, daylight controls, and more.
Through the CASAMBI© mobile application and smartphones equipped with Bluetooth technology, it is possible to configure via Fixtures multiple parameters, including maximum/minimum brightness levels. CASAMBI© mobile application can be downloaded free of charge from the Apple APP Store and Google Play Store.

CASAMBI© Mobile App is free to download from the Apple APP Store and Google Play Store.

⇢ For the up-to-date manual, please consult our website www.dalcnet.com or scan the QR Code on product label.

# PRODUCT CODE

| CODE | POWER SUPPLY | OUTPUT LED | N° OUTPUT CHANNEL | REMOTE CONTROL | LOCAL CONTROL | APP CONFIG |
|---|---|---|---|---|---|---|
| **MINI-1AC-CASAMBI** | 230 Vac @ 50 Hz | 1 x 1.52 A[1] | 1 | Bluetooth Low Energy (BLE) | Pushbutton N.O.[2] | CASAMBI© mobile app |

*Table 1: Product Code*

# PROTECTIONS AND DETECTION

The following table shows the types of ingress and egress protection/detection present on the device.

| ACRONYM | DESCRIPTION | TERMINAL | PRESENT |
|---|---|---|---|
| **IFP** | Input Fuse Protection[1] | AC IN | ✓ |
| **SCP** | Short-Circuit Protection[3] | AC OUT | ✓ |
| **SCD** | Short-Circuit Detection | AC OUT | ✓ |
| **OCD** | Open-Circuit Detection | AC OUT | ✓ |

*Table 2: Protection and Detection Features*

# REFERENCE STANDARDS

MINI-1AC-CASAMBI complies with the regulations listed in the following table.

| STANDARD | TITLE |
|---|---|
| **EN 55015** | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| **EN 61547** | Equipment for general lighting purposes – EMC immunity requirement [4] |
| **EN 61000-3-2** | Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) [4] |
| **EN 61000-3-3** | Electromagnetic compatibility (EMC) – Part 3-3 Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection [4] |
| **EN 61347-1** | Lamp Controlgear – Part 1: General and safety requirement |
| **EN 61347-2-11** | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires |

*Table 3: Reference standards*



[1] The maximum output current depends on the operating conditions and ambient temperature of the system. For the correct configuration, check the maximum power that can be delivered in the §Technical specifications section and in the §Thermal Characterization.
[2] The detection of the type of wiring is done automatically.
[3] Short Circuit Protection (SCP) is disabled by default. It is recommended to enable this function only on compatible load types (see Table 5) on the dedicated CASAMBI© mobile app section.
[4] Compliance with EMC standards is achieved in worst-case (nominal load 200 W) by application in a suitable inlet filter.

# TECHNICAL SPECIFICATIONS

| Description | Acronym | Values Min | | Values Max | Units of Measure | Note |
|---|---|---|---|---|---|---|
| **INPUT (AC IN Power)** | | | | | | |
| Nominal Supply Voltage | $V_{IN}$ | 230 | | | Vac | - |
| Supply Voltage range | $V_{IN-RNG}$ | 210 | ÷ | 240 | Vac | - |
| Mains Frequency | $f_{MAINS}$ | 50 | | | Hz | - |
| Efficiency at full load | $E_{FF}$ | > 95 | | | % | - |
| Standby power absorption | $P_{STBY}$ | < 0.5 | | | W | - |
| **OUTPUT (AC OUT Channel)** | | | | | | |
| Output Voltage | $V_{OUT}$ | = $V_{IN}$ | | | Vac | - |
| Output current[5] (max) | $I_{OUT}$ | 1.52 | | | A | - |
| Nominal power output | $P_{OUT}$ | 350 | | | W | Dependent on the type of load connected, see Table 5 |
| Minimum load power | $P_{MIN-LOAD}$ | 1 | | - | W | - |
| Load type | $L_{TYPE}$ | See Table 5 | | | - | - |
| **DIMMING** | | | | | | |
| Dimming curve | $C_{DIM}$ | Linear* | | Logarithmic | - | * Available only for Local Command |
| Dimming method | $M_{DIM}$ | Trailing Edge | | | - | - |
| Dimming resolution | $Res_{DIM}$ | 1666 | | 1000 | step | Defined by project |
| Dimming range | $RNG_{DIM}$ | 5 | ÷ | 100 | % | Dependent on the type of connected load |
| **ENVIRONMENTAL** | | | | | | |
| Operating Frequencies [6] | $f_{OP}$ | 2402 | ÷ | 2483 | MHz | For CASAMBI© BLE SoC |
| Maximum Emitted Power [6] | $P_{BT-max}$ | 7 | | | dBmW | Over Bluetooth transmission |
| Storage Temperature | $T_{STORE}$ | -40 | ÷ | +60 | °C | Minimum values defined by design |
| Working Ambient temperature [5,7] | $T_A$ | -10 | ÷ | +60 | °C | |
| Max Temperature @$T_c$ point | $T_C$ | - | - | +80 | °C | - |
| Wiring Section | $WS_{SOLID}$ | 0.05 | ÷ | 2.5 | $mm^2$ | Defined by project |
| | $WS_{STRAND}$ | 30 | ÷ | 12 | AWG | |
| Strip length | $WS_{STRIP}$ | 6.5 | | | mm | - |
| Protection class | $IP_{CODE}$ | IP20 | | | - | - |
| Casing Material | $M_{CASE}$ | Plastic | | | - | - |
| Packaging unit | UP | 1 | | | pcs | - |
| Dimensions | - | L | A | P | | - |
| | MD | 44 | 57 | 25 | mm | Casing |
| | PD | 56 | 68 | 35 | mm | Packaging |
| Weight | W | 80 | | | g | - |

*Table 4: Technical specifications*

[5] For the full range of values, refer to the §Thermal Characterization of the manual.
[6] The parameters are derived from the configuration of the Casambi module.
[7] $Tamb_{\_max}$: depends on ventilation conditions

### TYPE OF LOAD

The following table shows the types of loads that can be connected to the output of the MINI-1AC-CASAMBI.

| Load | Description | Maximum Power [W] | SCP Compatibility |
|---|---|---|---|
|  | Incandescent lamps / Halogen | 250 | ✓ (< 100 W) |
|  | Linear LED Mains Voltage Lamps | 350 | ✓ |
| | LED switching lamps at mains voltage | 300 | ✓ |
|  | LED Strips / Mains Voltage LED Modules | 350 | ✓ |
|   | Dimmable LED Trailing Edge Drivers | 250 | ✓ (< 100 W) |
| Note: Short-circuit protection (SCP) is disabled by default. It is recommended that you enable this protection only on compatible loads. | | | |

*Table 5: Connectable load types*

### TC POINT POSITIONING

The following figure shows the positioning of the maximum temperature point (*Tc point*, highlighted in red) reached by the electronics inside the enclosure. It is located on the front side (Top) near the connector of the LED outputs.


*Figure 1: Location of the Tc point*

## INSTALLATION

***WARNING!*** *Installation and maintenance must always be carried out in the absence of voltage. Before proceeding with the connection of the device to the 230 Vac mains, make sure that the mains voltage is disconnected from the system.*

*The device should only be connected and installed by qualified personnel. All applicable building regulations, legislation, rules, and codes must be complied with. Incorrect installation of the device may cause irreparable damage to the device and connected loads.*

The following paragraphs show the diagrams of the connection of the dimmer to the remote control, the load and the supply voltage. It is recommended that you follow these steps to install the product safely:

1. Load wiring: connect the load to the "AC OUT" terminals respecting the technical data of the load, with the neutral of the load at the terminal with the symbol "N" and the phase at the terminal with the symbol "OUT".
2. Local control wiring: connect the N.O. button to the "IN" and "N" terminals of the "PUSH" input respecting one of the wirings shown in the connection diagram in Figure 3.
3. Power supply wiring: Connect the 230 Vac @ 50 Hz mains power supply to the "AC IN" terminals respecting the Live (L) and Neutral (N) convention to terminals "L" and "N" respectively.
4. Remote control pairing: power ON the MINI-1AC-CASAMBI and follow the pairing instructions provided on CASAMBI© mobile app.

## WIRING DIAGRAM

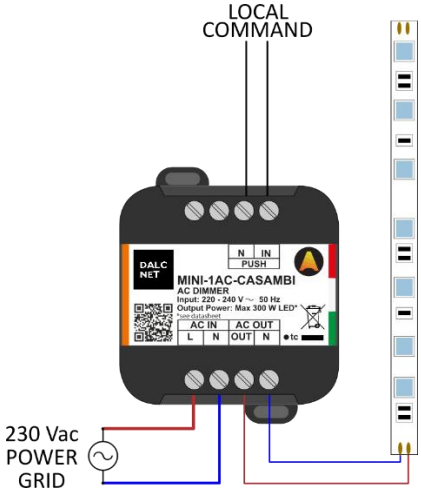



*Figure 2: Wiring diagram for AC loads*


MINI-1AC-CASAMBI has 1 output channel that can be driven independently (e.g. for AC modules).

The connection diagram on the side allows you to drive 1 AC load, on the AC OUT output channel.

## CONNECTING THE LOCAL COMMAND

*Figure 3 shows three different wiring possibilities for the local control: N.O. switch connected as a Neutral (N) contact, connected to Live (L) or Neutral (N).*

***ATTENTION!*** *The PUSH-N terminal is internally connected to the AC IN-N terminal, i.e. to the Neutral (N). Therefore, it is to be considered to all intents and purposes a terminal with a 230 Vac mains voltage. Before proceeding with the connection, make sure that the mains voltage is disconnected from the system.*

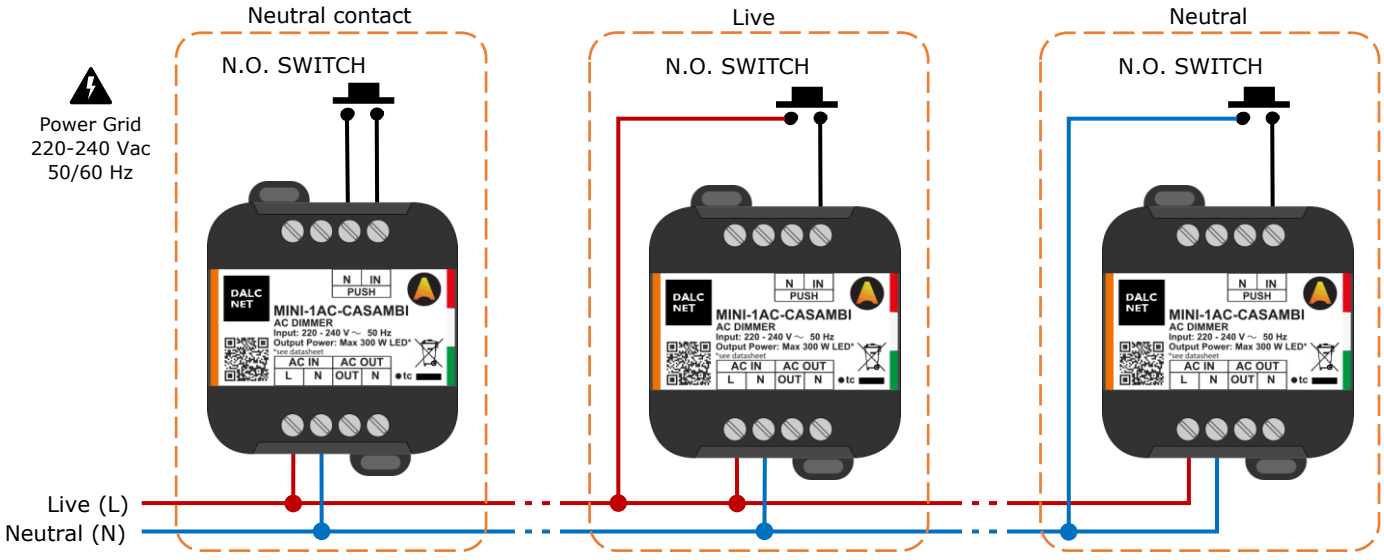



*Figure 3: Local Command wiring diagram*

## POWER SUPPLY CONNECTION

MINI-1AC-CASAMBI can be powered by 230 Vac @50/60Hz mains voltage and supplies the same voltage (dimmed in phase tray) to the output load. Once the load and remote control (DALI bus) are connected, connect the AC power supply respecting the Phase-Live (L) and Neutral-Neutral (N) conventions to the "L" and "N" terminals of the AC IN terminal.

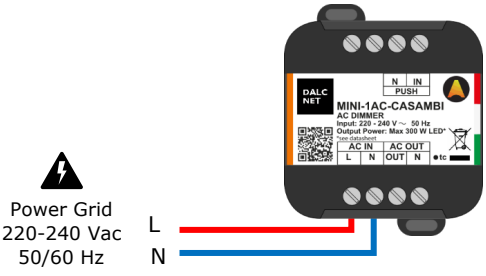



*Figure 4: Power connection diagram*

# LOCAL COMMAND: PUSHBUTTON

MINI-1AC-CASAMBI has one dry contacts input for N.O. pushbutton[8], through which different operating parameters can be managed. Each action on the pushbutton activates a specific function for the type of control selected via CASAMBI© mobile app.

For all other functions consult the documentation of the CASAMBI© mobile app at: https://support.casambi.com/support/home

## PUSHBUTTON FUNCTIONALITY FOR "CONTROLS A LUMINAIRE"

In *Controls a Luminaire* mode, both connected pushbutton takes over ON/OFF control and luminaire brightness functions.

| ACTION | FUNCTION |
|---|---|
|  Quick press | ON/OFF of the channel (of LED module connected) |
|  Long press (> 1s) | Brightness adjustment (Dimming) |

*Table 6: Pushbutton functionality for "Controls a Luminaire"*

## PUSHBUTTON FUNCTIONALITY FOR "CONTROLS AN ELEMENT"

In *Controls an Element* mode, the pushbutton takes over ON/OFF control functions dedicated to a device element inside the CASAMBI© network and to adjust the element value.

| ACTION | FUNCTION |
|---|---|
|  Quick press | ON/OFF of the selected device element |
|  Long press (> 1s) | Element value adjustment |

*Table 7: Pushbutton functionality for "Controls an Element "*

## PUSHBUTTON FUNCTIONALITY FOR "CONTROL A GROUP"

In *Control a Group* mode, the connected button takes on functions dedicated to control a group of LED modules and their brightness adjustment.

| ACTION | FUNCTION |
|---|---|
|  Quick press | ON/OFF of the configured Group of devices |
|  Long press (> 1s) | Brightness adjustment (Dimming) |

*Table 8: Pushbutton functionality for "Control a Group"*

[8] By default, the N.O. pushbutton is set as "Control a luminaire" and controls the output of the MINI-1AC-CASAMBI.

## PUSHBUTTON FUNCTIONALITY FOR "CONTROL SCENE"

In *Control scene* mode, the button takes over brightness adjustment and ON/OFF of the programmed scenario.

| ACTION | FUNCTION |
|---|---|
|  Quick press | ON/OFF of the configured Scene |
|  Long press (> 1s) | Brightness adjustment (Dimming) |

*Table 9: Pushbutton functionality for "Control scene"*

## PUSHBUTTON FUNCTIONALITY FOR "CONTROL ALL LUMINAIRES"

In *Control all Luminaires* mode, the button takes over ON/OFF control and brightness functions of all luminaires.

| ACTION | FUNCTION |
|---|---|
|  Quick press | ON/OFF of all luminaires |
|  Long press (> 1s) | Brightness adjustment (Dimming) |

*Table 10: Pushbutton functionality for "Controls all Luminaires"*

## PUSHBUTTON FUNCTIONALITY FOR "CYCLES SCENES"

In *Cycles scenes* mode, the button takes over brightness adjustment and selection through the programmed scenario list.

| ACTION | FUNCTION |
|---|---|
|  Quick press | Cycle through the list of scenes |
|  Long press (> 1s) | Brightness adjustment of current scene (Dimming) |

*Table 11: Pushbutton functionality for "Cycle scenes"*

## PUSHBUTTON FUNCTIONALITY FOR "ACTIVE/STANDBY"

In *Active/Standby* mode, the button takes over brightness adjustment and selection between two programmed scenes.

| ACTION | FUNCTION |
|---|---|
|  Quick press | Switch between two programmed scenes |
|  Long press (> 1s) | Brightness adjustment of current scene (Dimming) |

*Table 12: Pushbutton functionality for " Active/Standby"*

# REMOTE CONTROL: CASAMBI©

CASAMBI© is a lighting control system based on Bluetooth Low Energy (BLE) technology. This technology allows for the creation of customized and flexible wireless lighting networks that can be easily configured and controlled via Android/iOS smartphones or tablets.

## PROFILE MAPPING: FIXTURES

MINI-1AC-CASAMBI supports the following fixtures (selectable by CASAMBI© mobile app) that provides adjustment of the light intensity for the single output channel.

| NAME OF PROFILE | # PROFILE | DESCRIPTION |
|---|---|---|
| **MINI AC (Lin)** | **TBD (Default)** | **One channel AC dimmer**<br>Linear dimming curve<br>Dimming resolution: 1000step |
| **MINI AC (Log)** | TBD | **One channel AC dimmer**<br>Logarithmic dimming curve<br>Dimming resolution: 1000step |

*Table 13: Profile list*

# THERMAL CHARACTERIZATION

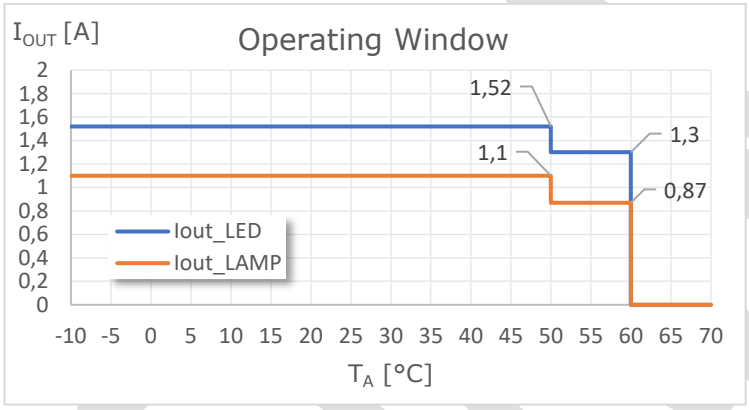



*Figure 5: Temperature Operating Window*

Figure 5 shows the maximum output current values that can be supplied by the MINI-1AC-CASAMBI as a function of the operating temperature[9] (or ambient temperature, $T_A$) of work, summarized below:

| LOAD | TEMPERATURE ($T_A$) | CURRENT |
|---|---|---|
| LED [10] | (-10 ÷ +50) °C | ≤ 1.52 A |
| | (+50 ÷ +60) °C | ≤ 1.3 A |
| LAMP [11] | (-10 ÷ +50) °C | ≤ 1.1 A |
| | (+50 ÷ +60) °C | ≤ 0.87 A |

These maximum current values can only be applied under suitable ventilation conditions.

# DIMMING CURVES

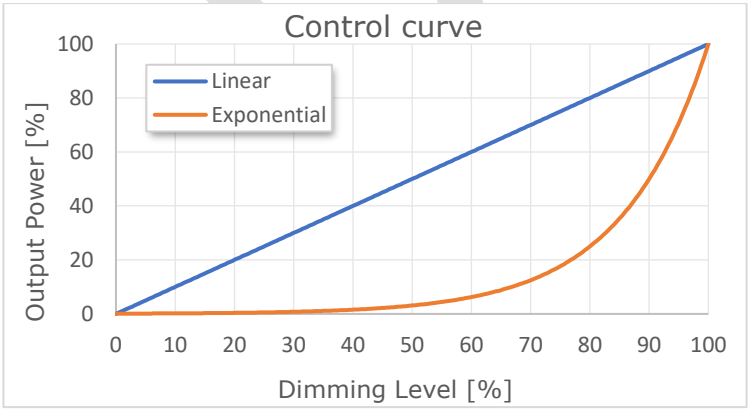



*Figure 6: Dimming Curves*

Figure 6 shows the dimming curves supported by the MINI-1AC-CASAMBI. The selection of the curve can be done using the CASAMBI© mobile app.

[9] In the event that the product is installed inside an electrical panel and/or junction box, TA refers to the temperature inside the panel/box.
[10] Referred to Linear LED Mains Voltage Lamps, LED switching lamps at mains voltage and LED Strips / Mains Voltage LED Modules load types.
[11] Referred to Incandescent lamps / Halogen and Dimmable LED Trailing Edge Drivers load types.

# MECHANICAL DIMENSIONS

Figure 7 details the mechanical measurements and overall dimensions [mm] of the outer casing.

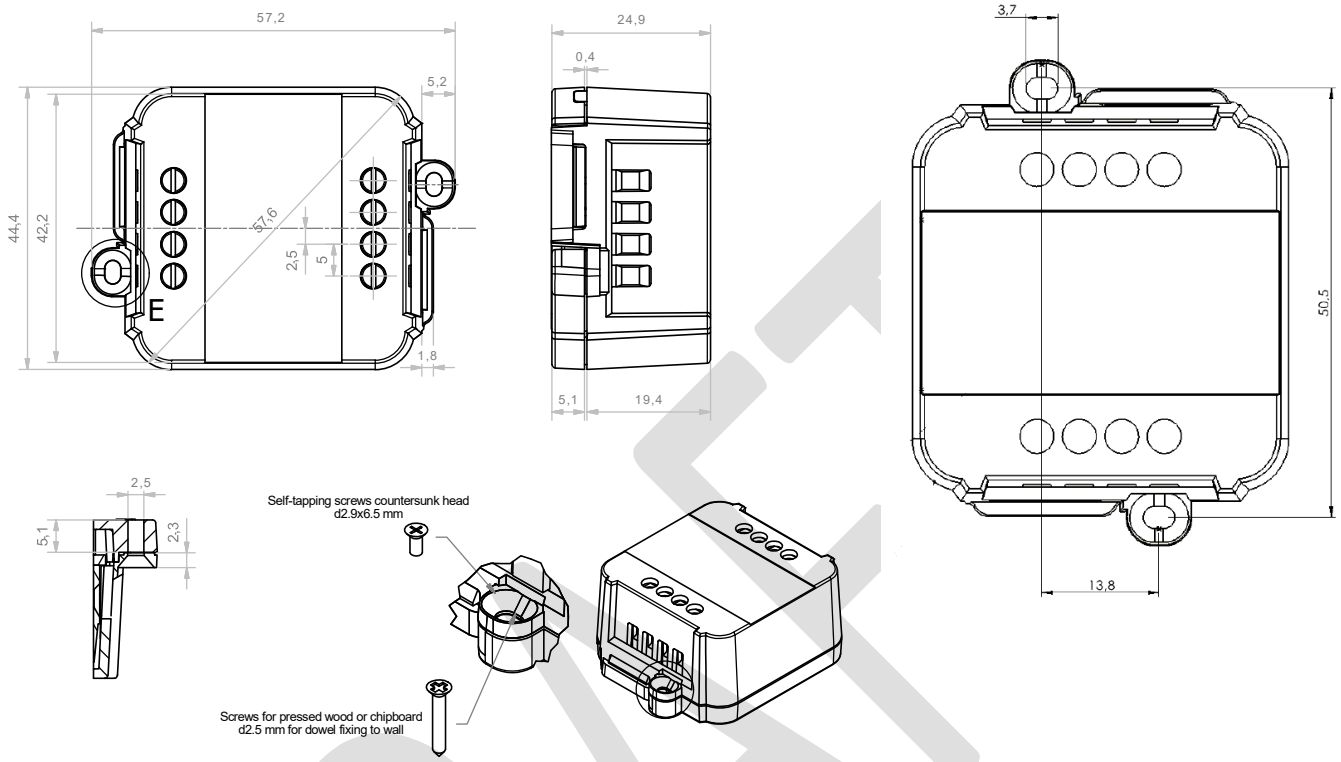



*Figure 7: Mechanical dimensions*

# TECHNICAL NOTES

## INSTALLATION

**WARNING!** Installation and maintenance should always be performed in the absence of AC voltage.
Before proceeding with the installation, adjustment and connection of the device to the power supply, make sure that the mains voltage is disconnected from the system.

The device should only be connected and installed by qualified personnel. All applicable regulations, legislation, standards, and building codes in force in the respective countries must be adhered to. Incorrect installation of the device may cause irreparable damage to the device and connected loads.

Maintenance must only be conducted by qualified personnel in compliance with current regulations.

The product must be installed inside an electrical panel and/or junction box that is protected against overvoltage.

The external power supply must be protected. The product must be protected by a properly sized circuit breaker with overcurrent protection.

Keep 230 Vac (LV) circuits and non-SELV circuits separate from SELV safety ultra-low voltage circuits and any product connections. It is strictly forbidden to connect, for any reason, directly or indirectly, the 230 Vac mains voltage to the product (control terminals included).

The product must be installed in a vertical or horizontal position, i.e. with the faceplate/label/top cover facing up or vertically. No other positions are allowed. The bottom position, i.e. with the faceplate/label/top cover facing downwards, is not allowed.

During installation, it is recommended to reserve adequate space around the device to facilitate its accessibility in case of future maintenance or updates (e.g. via smartphone).

Use in thermally harsh environments may limit the output power of the product.

For devices embedded within luminaires, the $T_A$ ambient temperature range is a guideline to be carefully observed for the optimal operating environment. However, the integration of the device within the luminaire must always ensure proper thermal management (e.g. correct mounting of the device, proper ventilation, etc.) so that the temperature at the $T_C$ point does not exceed its maximum limit under any circumstances. Proper operation and durability are only guaranteed if the maximum temperature of the $T_C$ point is not exceeded under the conditions of use.

## POWER SUPPLY AND LOAD

The device must be powered by mains voltage 230 Vac @ 50Hz. No other types of power are allowed.

Connection to an unsuitable power supply may cause the device to operate outside the specified design limits, voiding its warranty.

The power cables of the device and to the output load must be correctly sized with reference to the connected load and must be isolated from any other wiring. If a load with a high in-rush current is connected to the dimmer output, false shorts may be detected in some cases. In this case, it is recommended to disable the Short Circuit detection function.

The device has been designed to work only with Trailing Edge dimmable loads. Connecting and powering unsuitable loads may cause the device to operate outside the specified design limits, voiding its warranty. In general, the operating conditions of the device should never exceed the specifications stated in the product data sheet.

A length of the connection cables between the product and the LED module of less than 3m is recommended. Cables must be correctly sized and must be insulated from any non-SELV wiring or parts. It is recommended to use double-insulated cables. If you want to use connection cables between the product and the LED module larger than 3m, the installer must ensure the correct operation of the system. In any case, the connection between the product and the LED module must not exceed 30m.

It is not allowed to connect different types of loads in the same output channel.

Always check the compliance of the loads connected to the device. If necessary, install an EMC filter upstream of the device's power supply to mitigate in-line disturbances.

In the event of loads being connected that do not comply with the EN 61000-3-2 standard, it is the installer's obligation to ensure compliance of the entire system.

If a load with a high in-rush current is connected to the output of the dimmer, the use of an inrush current limiter is recommended.

## LOCAL COMMAND

The length of the connection cables between the local control (N.O. button or other) and the product must be less than 30m. Cables must be sized correctly. Depending on the connection used, they must be isolated from any non-SELV live wiring or parts. It is recommended to use double-insulated cables, if deemed appropriate also shielded.

### BLUETOOTH LOW ENERGY (BLE) WARNINGS AND MOBILE APP NOTES

The BLE antenna is located inside the device, near the top of case.

BLE typically has a range of about 10 to 50 meters, depending on the environment and obstacles. Ensure your devices are within this range for reliable communication.

Walls, floors, and other physical barriers can significantly reduce the effective range and signal strength of BLE devices. Position devices to minimize these obstacles.

Other electronic devices, especially those operating on the 2.4 GHz frequency (like Wi-Fi routers), can interfere with BLE signals. Keep BLE devices away from such sources of interference.

Ensure that all devices in your BLE network are compatible with each other and support the same BLE version. Incompatibilities can lead to communication issues.

BLE is designed for low power consumption, but the battery life of your control devices (smartphone or tablet) can still be affected by factors like transmission frequency and data volume. Monitor and manage power settings to optimize battery life.

BLE technology works optimally with non-metallic materials. Therefore, it is not recommended to sourround the device by metal objects or reflective surfaces when using BLE communication.

For reliable communication, make sure that the top surface is not covered or that it is free of metal objects, wiring, or other electronic devices. Any impediments could affect the quality of communication.

To guarantee the best performances and the full use of functions, make sure to download on your device the last release of CASAMBI© mobile app.

Whenever CASAMBI© mobile app requires an upgrade of the profile installed in the LED Dimmers, follow the instruction to do it. This allows you to stay always up to date and benefit of new functions released.

Functionality test are done on all dimmers to ensure the right working. In case the device is still paired to "Dalcnet network", you are asked to unpair it by following the instructions on CASAMBI© mobile app and in §Unpair from CASAMBI© Network section.

## LEGAL NOTES

### TERMS OF USE

Dalcnet Srl (hereinafter referred to as "the Company") reserves the right to make changes to this device, in whole or in part, without prior notice to the customer. Such changes may affect technical aspects, functionality, design, or any other element of the device. The company is not required to notify you of such changes and that your continued use of the device will constitute your acceptance of the changes.

The company is committed to ensuring that any changes do not compromise the essential functionality of the device and that they comply with applicable laws and regulations. In the event of substantial changes, the company undertakes to provide clear and timely information on the same.

The customer is advised to periodically consult the www.dalcnet.com website or other official sources to check for any updates or changes to the device.

## SYMBOLS

| | |
|---|---|
| CE | All products are manufactured in compliance with European Regulations, as reported in the Declaration of Conformity. |
| | Integrated electronic ballast with double or reinforced insulation, designed to be used as a component of an end product. |
| | The product described in this technical data sheet at the end of its useful life is classified as waste from electronic equipment and cannot be disposed of as unsorted municipal solid waste.<br>**Warning!** Incorrect disposal of the product may cause serious harm to the environment and human health. For correct disposal, inquire about the collection and treatment methods provided by the local authorities. |

# CASAMBI

CASAMBI© is the official application through which it is possible to configure, in addition to the functions of the MINI-1AC-CASAMBI, also all the different CASAMBI© products equipped with BLE technology.

CASAMBI© mobile app can be downloaded free of charge from the Apple App Store and Google Play Store.

GET IT ON Google Play

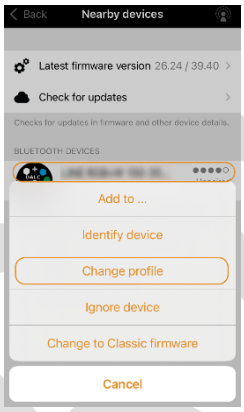
Available on the App Store

# SETTINGS

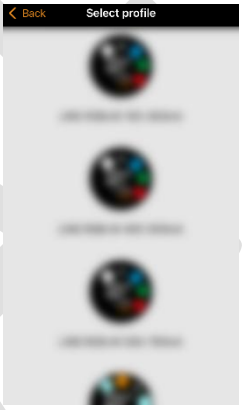
## FIXTURE CONFIGURATION

Once the technical data of the load to be connected to the device have been verified, it is possible to configure light intensity and/or light temperature by loading the Fixture on the driver. To load the Fixture on the MINI-1AC-CASAMBI, follow these steps.

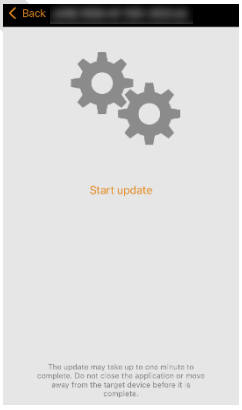

1. Power ON the device and open the CASAMBI© mobile app.
2. Select "Nearby Devices".



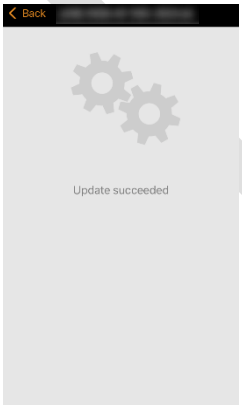

3. Tap on the icon of device, then tap on "Change profile".



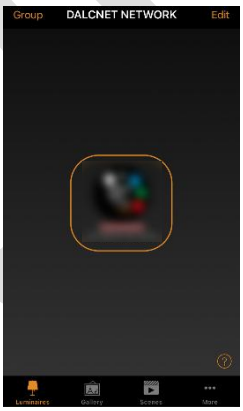

4. Select the desired profile (refer to Table 13).



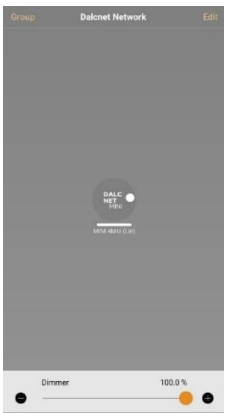

5. Tap "Start Update".




6. Wait for the profile to load correctly.




7. Once the device has been inserted in the Network, double tap on the product icon to show the device configuration.




8. Inside the device configuration, the LED module brightness can be set by provided sliders.

## UNPAIR DEVICE FROM CASAMBI© NETWORK

If MINI-1AC-CASAMBI is already connected to a network for which you don't have the credentials and you wish to associate it with a new network, please follow the instructions provided in the CASAMBI© mobile app, "Nearby Devices" section.

Once you have selected the unpair function and started the procedure, turn off the main power of the power supply connected to the MINI-1AC-CASAMBI and turn it on again after 1 - 2 seconds.
If the main power supply is switched off and on again quickly, unpair may not be done properly. Repeat the unpair sequence by allowing 1 or 2 more seconds to elapse between the moment you turn off and re-turn on the main power.

A second method to unpair the product is to connect an N.O. push button to an "INPUT" terminal of the MINI-1AC-CASAMBI and during the decoupling procedure press the button.