



BLUETOOTH® WIRELESS
TECHNOLOGY DEVICES
AS REPEATER



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Blu2Light – The intelligent wireless lighting control solution

Blu2Light is the first completely open Bluetooth® wireless technology system with mesh functionality for the professional lighting market, which, in addition to a variety of functions for lighting control, offers the luminaire manufacturer added IoT benefits with maximum system security.

Blu2Light Casambi Repeater

The Blu2Light Casambi repeater ensures a reliable increase in range and effective signal amplification in your CASAMBI mesh network. It is ideal for areas with larger distances between CASAMBI modules. The product is maintenance-free due to a direct supply via mains voltage. The installation takes place in a standard flush-mounted box or or in the ceiling.

Blu2Light Casambi Repeater

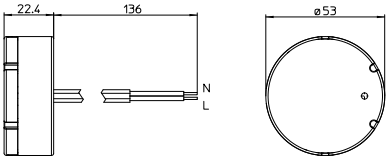
- **EXTENDS THE RANGE OF THE CASAMBI BLUETOOTH MESH NETWORK**
- **INTEGRATED BLUETOOTH® MESH RADIO MODULE**
- **INSTALLATION IN STANDARD FLUSH-MOUNTED BOX OR IN CEILING**
- **MAINTENANCE-FREE**
- **OPERATING LIFETIME: 50,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



Blu2Light Casambi Repeater

Plug & Play module with Bluetooth® wireless technology

For built-in into flush-mounted boxes or a suspended ceiling
Dimensions (ØxH): 53x22.4 mm
With assembled connection leads



ATTENTION:

- The module must be connected to the 230 V AC supply by using terminals provided by the customer.
- Pay attention to the correct polarity of L and N.

| Type | Blu2Light Casambi Repeater |
|-------------------------------------|--|
| Ref. No. | 187571 |
| Communication | Casambi Mesh Network |
| Frequency range | 2402–2480 MHz |
| HF output power | < 10 mW EIRP |
| Power consumption standby/operation | < 0.5 W |
| Power supply | 220–240 V AC with 50–60 Hz |
| Ambient temperature t _a | 5–40 °C |
| IP protection | IP20 |
| Protection class | II |
| Dimensions (Ø x H) | 53 x 22.4 mm |
| Casing | polycarbonate, white |
| Weight | 40 g |
| Connection leads | 0.75 mm²; lead length: L/N (V AC) approx. 130 mm |

Product guarantee

- 5 years
- The conditions for the Product Guarantee of the Vossloh-Schwabe Group shall apply as published on our homepage (www.vossloh-schwabe.com). We will be happy to send you these conditions upon request.



The values in this data sheet may change due to technical innovations and are subject to change without notice.

Blu2Light Casambi Repeater

General Safety and Mounting Instructions

- Only qualified persons are allowed to install Blu2Light Casambi products.
- Prior to installing and commissioning the system, read these instructions carefully. Only this will guarantee correct and safe handling. Please keep these instructions as you may need them later.
- The devices must always be disconnected before any work is carried out on them.
- The applicable safety and accident prevention regulations must be observed.
- Opening by unqualified personnel of the products is prohibited: Risk of death from electric shock!
The devices must only be repaired by the manufacturer.
- Only AC voltage may be connected.

Mounting

- Pay attention to the correct polarity according to the connection markings!
- L and N must be connected correctly and must not be interchanged.

Installation instructions

- The module must be connected to the 230 VAC supply via a terminal.
- Make sure that the polarity of L and N is correct.

Setup and operation

- The Blu2Light Casambi devices can be configured and operated with the Casambi app.
- For the exact procedure for the configuration of the devices please refer to the instructions in the app or in the corresponding documentation.
- A tablet or smartphone is required for setup and operation. Both are not included in the scope of delivery.

Bluetooth® wireless technology

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Important note:

Please refer to the installation instructions included with the product and the applicable Blu2Light system data sheet before installation. Make sure that the Bluetooth radio signal can propagate freely according to the specifications.



We, Vossloh-Schwabe Deutschland GmbH, herewith confirm that these devices comply with the basic requirements of the directive 2014/53 / EU and other relevant directives. The entire text of the declaration of conformity can be obtained from the following address:

www.vossloh-schwabe.com

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