



BLUETOOTH® WIRELESS  
TECHNOLOGY DEVICES  
AS REPEATER



## BLUETOOTH® WIRELESS TECHNOLOGY DEVICES AS REPEATER

### **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 Repeater**

The Blu2Light Repeater enables the looping of a Blu2Light system over further distances and forwards the Bluetooth signal. The product is maintenance-free due to a direct supply via mains voltage. The installation takes place in a standard flush-mounted box or in the ceiling.

#### **Blu2Light Repeater**

- **ENABLES THE OPERATION OF THE BLU2LIGHT NETWORK OVER FURTHER DISTANCES**
- **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**



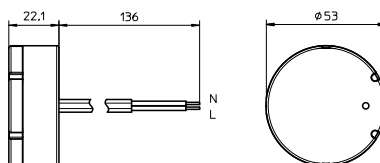
## Blu2Light Repeater

### Push-button module with Bluetooth® wireless technology

For built-in into flush-mounted boxes or a suspended ceiling

Dimensions (ØxH): 53x22.5 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                                | Repeater  |
|-------------------------------------|---|
| Ref. No.                            | 187256  |
| Communication                       | Blu2Light 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 22,5 mm  |
| Casing                              | polycarbonate, white  |
| Weight                              | 32 g  |
| Connection leads                    | 0.75 mm <sup>2</sup> ; lead length: L/N (V AC) approx. 13 cm, inputs T1 and T2 approx. 16 cm, COM approx. 12 cm |

### 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](http://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 Repeater

### General Safety and Mounting Instructions

- Only qualified persons are allowed to install Blu2Light 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 devices are configured with the LiNA Connect app and can be operated via the LiNA Touch app.
- For the exact procedure for the configuration of the devices please refer to the instructions in the LiNA Connect app or in the corresponding documentation.
- A tablet is required for setup, both tablets and smartphones can be used for operation. Both are not included in the scope of delivery.

| LiNA Connect (configuration) | iOS                   |
|------------------------------|-----------------------|
| iPad                         | version 10 and higher |

| LiNA Touch (operation) | iOS                   | Android               |
|------------------------|-----------------------|-----------------------|
| Tablet                 | version 10 and higher | version 5.0 or higher |
| Smartphone             | version 10 and higher | version 5.0 or higher |

### Bluetooth® wireless technology

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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](http://www.vossloh-schwabe.com)

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