



BLUETOOTH® WIRELESS
TECHNOLOGY DEVICES FOR
INSTALLATION IN LUMINAIRES



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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 Connect DMX

Innovative Bluetooth® controller for controlling devices with DMX interface.

The Blu2Light Connect DMX is ideally suited for wireless lighting control of architectural and stage lighting.

Blu2Light Connect DMX

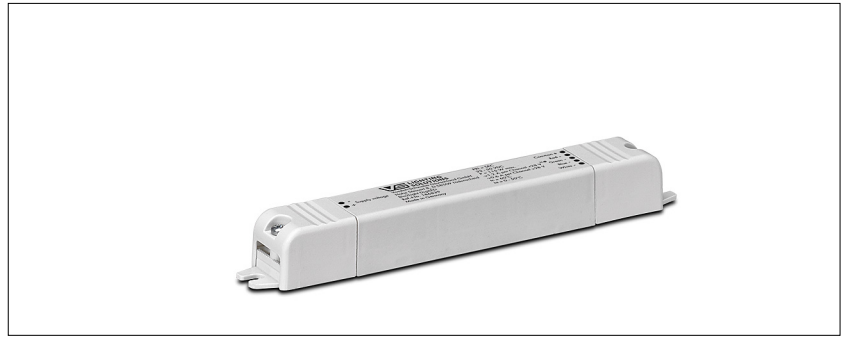
- **CONFIGURATION VIA LINA CONNECT APP**
- **CONTROL VIA LINA TOUCH APP**
- **CONTROLLABLE VIA BLUETOOTH**
- **VIA BLU2LIGHT CONTROLLABLE DMX CONTROLLER**
- **OPERATING LIFETIME: 50,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



Blu2Light Connect DMX

Technical data:

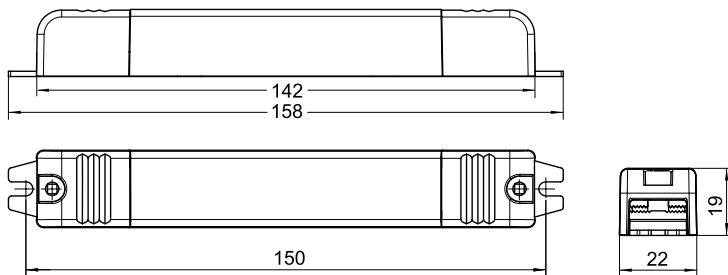
- 1 channel constant voltage dimmer with Bluetooth® wireless technology for RGBW applications
- For luminaire installation and independent mounting with cord grip
- Mounting: M3 screws



Ref. No.: 187341, 187342

Type	Connect DMX -WH / -BK
Ref. No.	187341, 187342
Communication	Blu2Light Mesh Network
Frequency range	2402–2480 MHz
Output power	< 10 mW EIRP
Input voltage range (depending on LED module)	5 VDC +/- 5 %
lin min. RX	27 mA
lin min. TX	40 mA
lin max. TX	110 mA
Power consumption operation	max. 0.2 W
Ambient temperature t_a	5–50 °C
Ambient humidity	5–95 % (non condensing)
IP protection	IP20
Protection class	III
Dimensions (with cord grip)	158x22x19 mm (LxWxH)
Casing	plastic, white
Weight	45 g
Plug-in terminal for conductor cross-section	Input 0.5–1.5 mm ² / Output (-) Poles: 0.2–0.5 mm ² / Output (+) Pole 0.5–1.5 mm ²

Dimensions:

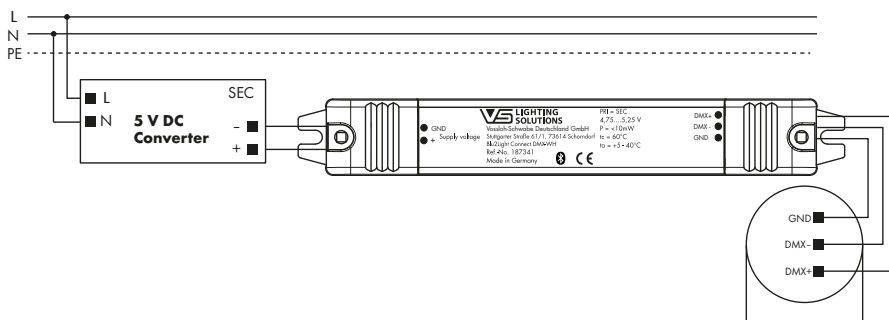


Product guarantee

- 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.



Connection example:



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

Blu2Light Connect DMX

General Safety Instructions

- Only qualified persons are allowed to install and start up 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.
- Supply of external voltage to the input side, e.g. 230 V mains voltage, may destroy the products.

Mounting

Secure the Blu2Light Connect DMX with two screws.

Connect a power supply between 5 VDC +/- 5 % on the input side.

The maximum allowed cable length between power supply and Blu2Light Connect DMX is 1.5 m.

On the output side, connect the respective color channels (red/green/blue/white) and the positive pole of the LED module. Colour channels not required can be left free. When connecting the power supply and the LED module, ensure correct polarity, otherwise the device and/or the LED module may be destroyed! For independent mounting, the strain relief caps must also be mounted.

Power supply

This product does not contain its own power supply and must be supplied with 5 VDC +/- 5 % constant voltage. Please refer to our system overview for suitable VS power supplies and corresponding drivers.

Overvoltage protection of the 5 VDC +/- 5 % interface

Connecting higher voltages than 5 VDC will destroy the products. Operation with voltages < 5 VDC / > 5 VDC or 230 VAC is generally not permitted!

Installation instructions

Conductor cross-section input side: 0.5–1.5 mm² for rigid or flexible conductors

Conductor cross section output side: (-) Poles: 0.2–0.5 mm² / (+) Pole 0.5–1.5 mm²

Setup and operation

The Blu2Light luminaire installation devices are configured with LiNA Connect App and can be operated via the LiNA Touch App. For the exact procedure for configuring the devices, please refer to the instructions in the Blu2Light App or the corresponding documentation. An Apple iPad is required for setup, and both tablets and smartphones can be used for operation. Both are not included in the delivery. For information on the iOS and Android operating systems that can currently be used, refer to the LiNA Connect/ LiNA Touch manual:



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:

Vossloh-Schwabe Deutschland GmbH
Stuttgarter Straße 61/1
D-73614 Schorndorf

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