eBLUE
Switch to Smart

eBLUE 0-10V / DALI Installation Guide

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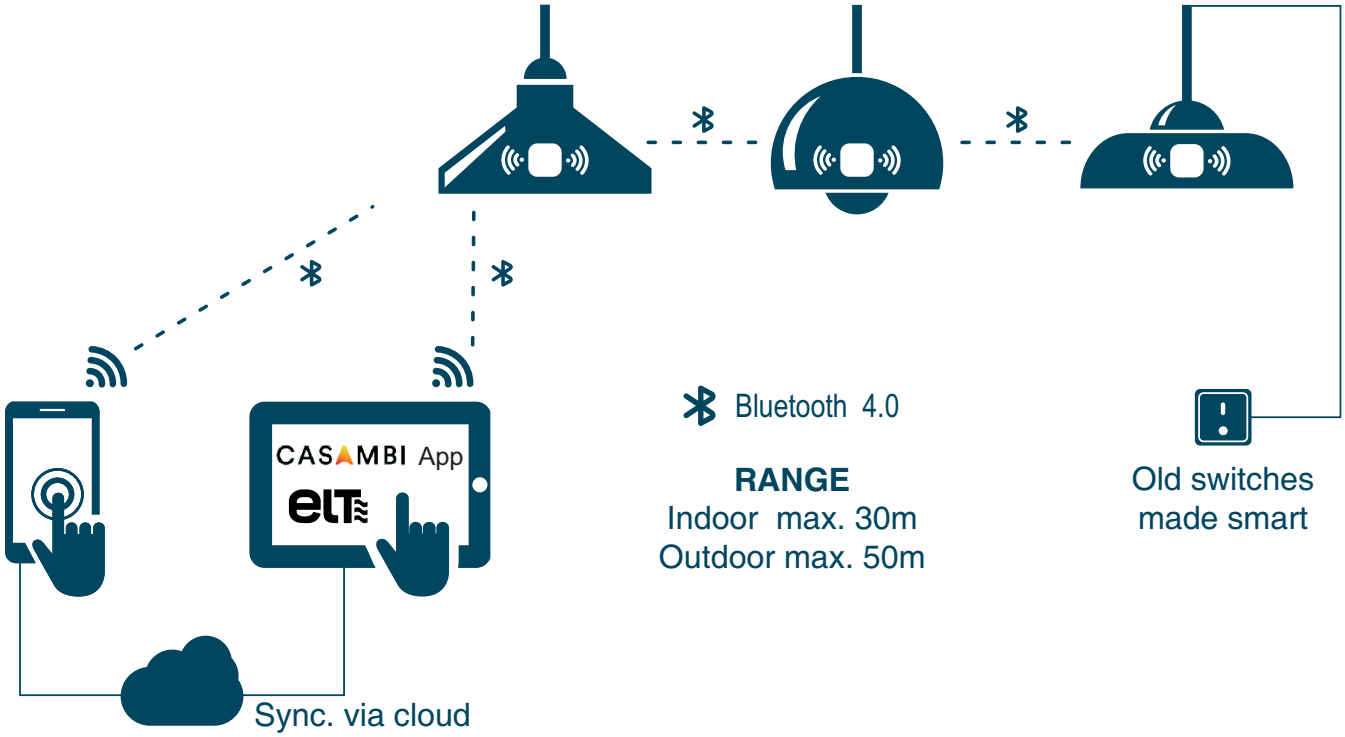
eBLUE
Switch to Smart

Smart wireless technology for your luminaires



Download the free app and take control of your light

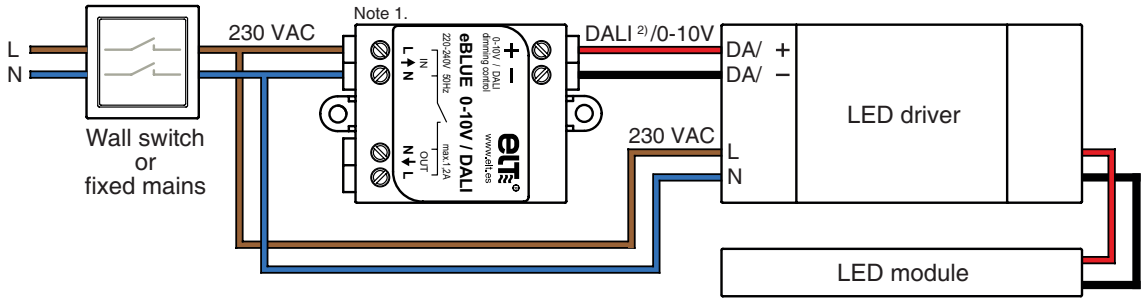
ANDROID APP ON Google play

Available on the App Store

Directly powered (recommended for DALI or 0-10V control gears)

0,4 Nm 0,75-1,5 mm²

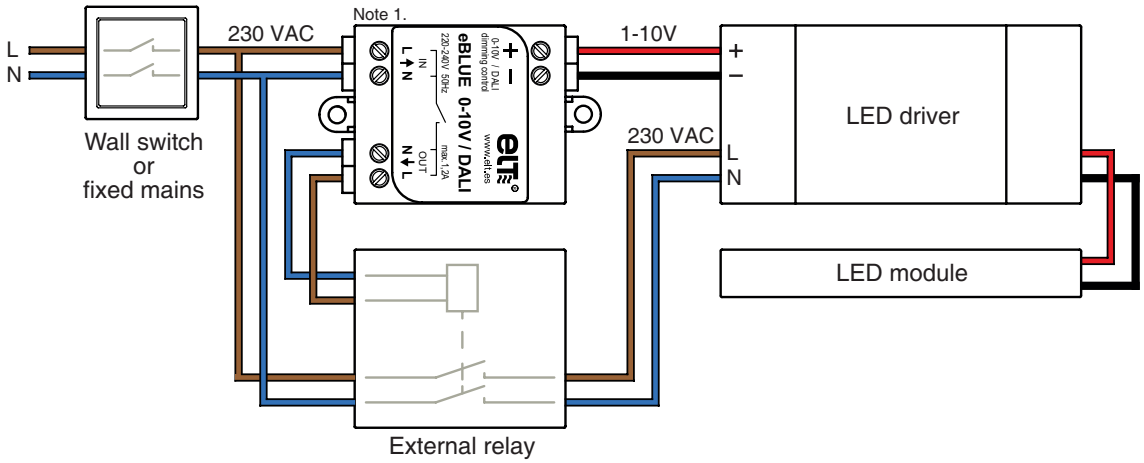
Suitable for drivers that can be switched off via control interface



Powered through external relay (recommended for 1-10V control gears)

0,4 Nm 0,75-1,5 mm²

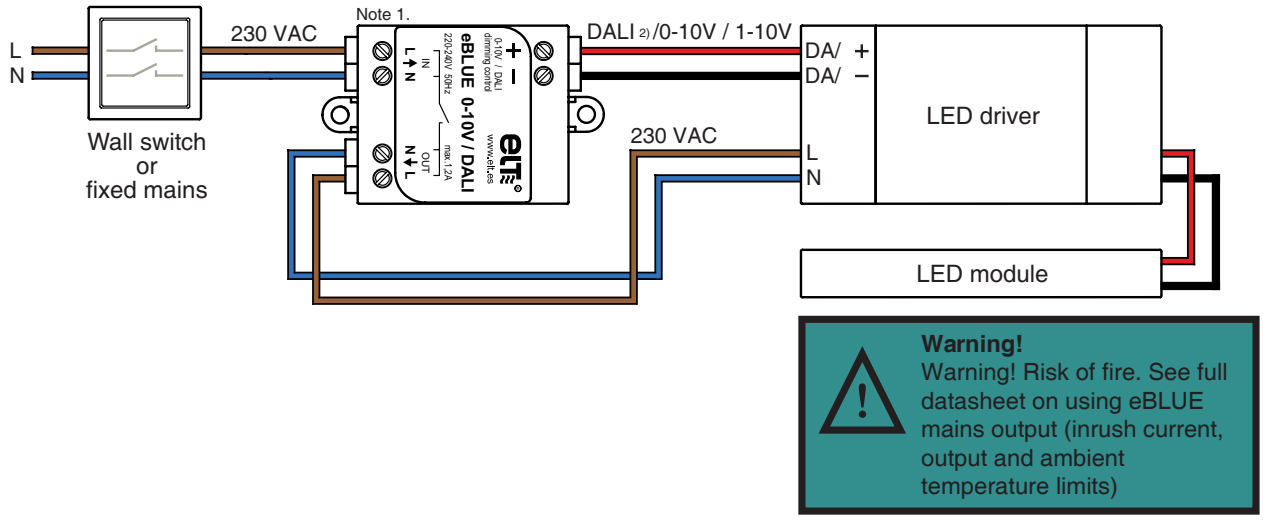
Suitable for drivers that cannot be switched off via control interface



Powered through eBLUE mains output

0,4 Nm 0,75-1,5 mm²

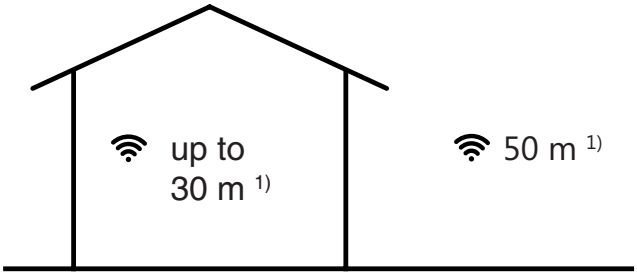
Suitable for drivers that cannot be switched off via control interface.
(Max. power: 100W)



Note 1. eBLUE 0-10V / DALI is a built-in class II device. Use double insulated wires or an external mounting box if the device is not mounted inside another insulated device.

Note 2. eBLUE 0-10V / DALI and its DALI interface do not meet the requirements of IEC 60929. Connect only directly to a DALI controllable LED driver.
Not to be connected to an excisting DALI network. Connect only one LED driver (DALI or 0/1-10V driver) to one eBLUE 0-10V / DALI.

Range



eBLUE uses mesh network technology, i.e. each eBLUE 0-10V / DALI acts also as a repeater. Much longer ranges can be achieved by using multiple eBLUEs 0-10V / DALI.

Casambi app available on:

Download on the App Store

ANDROID APP ON Google play

Compatible devices:

iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later

Android 4.4 KitKat or later devices produced after 2013 with full BT 4.0 support

Note 1. Range is highly depended on the surrounding and obstacles, such as walls and building materials.

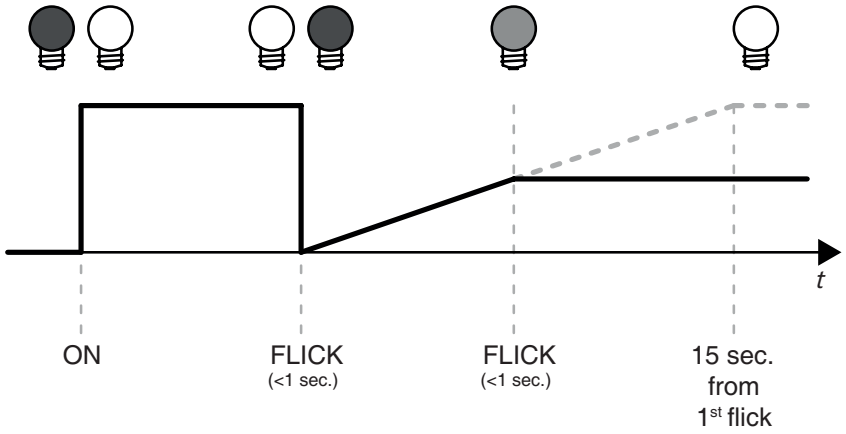
Dimming without app

1. Turn lights on from wall switch.

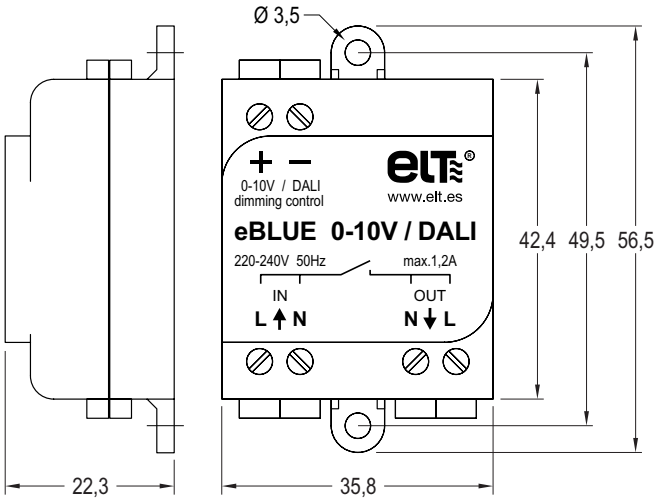
2. Make a flick by quickly turning wall switch off and on (max. 1sec.). The light level starts to increase gradually.

3. Make another flick at desired dim level. The selected level is saved automatically.

4. If the second flick is not done in 15 sec. the light intensity reaches its maximum level.



Dimensions



Technical Data

Mains Input	
Voltage range	220-240 VAC
Frequency	50 Hz
Max. mains current	1,2 A
Mains Output	
Output relay	SSR on phase line
Voltage range	220-240 VAC
Frequency	50 Hz
0-10 V Output	
Voltage range	0-10 VDC
Max. sink/source current	7 mA
DALI Output	
Bus voltage	12 VDC
Shortcut current	7 mA
Radio Transceiver	
Operating frequencies	2,4...2,483 Ghz
Maximum output power	+4 dBm
Operating Conditions	
Ambient temperature, ta	-20...+70 °C
Max. case temperature, tc	+70 °C
Storage temperature	-25...+75 °C
Max. relative humidity	0...80%, non-cond.
Connectors	
Wire range	0,75-1,5 mm^2 Solid wire: 14-22 AWG Stranded wire: 14-22 AWG
Wire strip lenght	6-7 mm
Tightening torque	0,4 Nm/4 Kgf.cm/2,6 Lb-In
Mechanical Data	
Dimensions	56,5 x 35,8 x 22,3 mm
Weight	48 g
Degree of protection	IP20
Protection Class	Built-in Class II

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