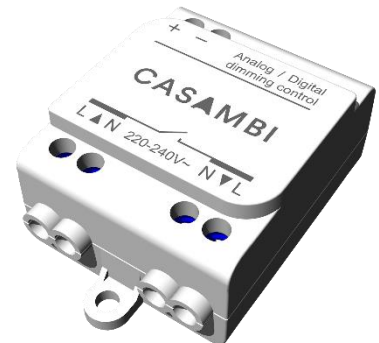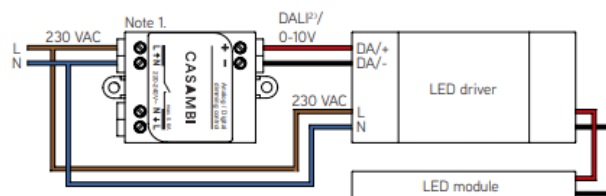# TEC=LED

CASAMBI – CBU-ASD Controller

Description

CBU-ASD is controlled wirelessly with Casambi smartphone and tablet applications using Bluetooth 4.0 protocol.

With Standalone DALI output, CBU-ASD acts both as a controller and as a power supply making it possible to connect directly to an LED driver with DALI interface without the need for an external DALI power supply. This so called Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.
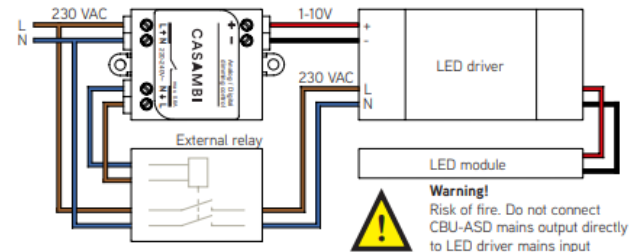
CBU-ASD does not comply with IEC 60929 and therefore is not designed to be connected to an existing DALI network. The module can be used only in a closed system, i.e. as a part of a lighting system which is not connected to an external DALI network.
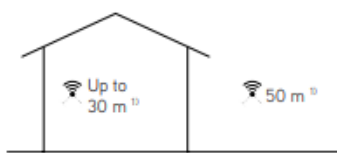
Wiring diagram, directly powered DALI or 0-10V drivers
Suitable for drivers that can be switched off via control interface

Wiring diagram, 1-10V drivers powered through external relay
Suitable for drivers that cannot be switched off via control interface

Warning!
Risk of fire. Do not connect CBU-ASD mains output directly to LED driver mains input

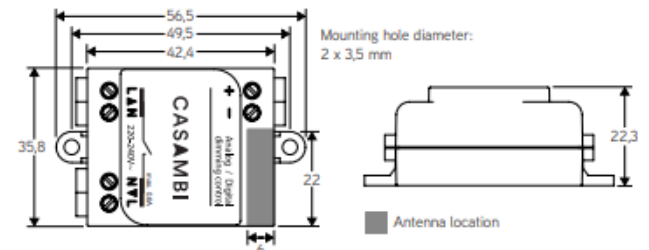### Range

Up to 30 m [1]   50 m [1]

Casambi uses mesh network technology so each CBU-ASD acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

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

[1] Range is highly dependant on the surrounding and obstacles, such as walls and building materials.

Dimensions

Mounting hole diameter:
2 x 3,5 mm

Antenna location

Technical data

Input

Voltage range:	220-240 VAC
Frequency:	50 Hz
Max. mains current:	0,6 A

Mechanical data

Dimensions:	56,5 x 35,8 x 22,3 mm
Weight:	48 g
Degree of protection:	IP20 (indoor use only)
Protection class:	Built-in Class II

Get in touch

U4 / 61-71 Beauchamp Rd,
Matraville NSW 2036

02 9317 4177
0425 350 698

sales@tecled.com.au
Victoria@tecled.com.au

Follow us