

Features



- Bluetooth controllable trailing edge dimmer
- Can be installed behind a traditional wall switch, inside a luminaire, or into a ceiling outlet box
- Zero passage switching with soft start and soft off to protect lamps
- The minimum and maximum brightness level can be adjusted
- Smooth dimming compatible with most led fittings
- Ble 5.0, powerful mesh networking capabilities, no gateway
- Easily converted to become a part of a CASAMBI mesh radio network

CE CASAMBI

Technical Data

Input voltage	220-240 VAC, 50/60 Hz
Max. input current	1.36 A
Min. load wattage*	2 W
Max. load wattage**	Incandescent lamps 300 W, LED lamps 180W
Control system	CASAMBI
Control mode	Bluetooth 5.0
Frequency band	2.4 GHz
Wireless range***	Up to 30 m(Indoor), 70 m (Outdoor)
Dimming method	Trailing Edge
Dimming range	0-100%
Ambient temperature ta	-20~+40 °C
Max. case temperature tc	85 °C
Storage temperature	-20~+70 °C
Relative humidity	0-80 %, non-condensing
IP rating	IP 20
Lifetime	Up to 50,000 h
Material	PC body
Dimensions (LxWxH)	45x45x22 mm

*When used in conjunction with 2-wire dimmer products, when switched off, the LED/CFL lights flicker, pulse on/off or do not switch off completely or when switching on, the LED/CFL lights have difficulty switch on and the dimmer indicators flicker or pulse, it is recommended to install a 'load by-pass' device across load and neutral terminals.

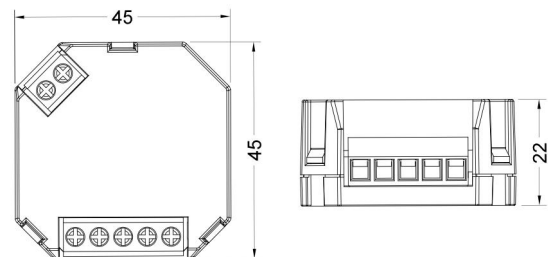
**Never connect inductive loads, such as iron core transformers. this could cause permanent damage to the dimmer. do not mix different types of loads.

***Range is highly dependent on the surrounding and obstacles, such as walls and building materials.

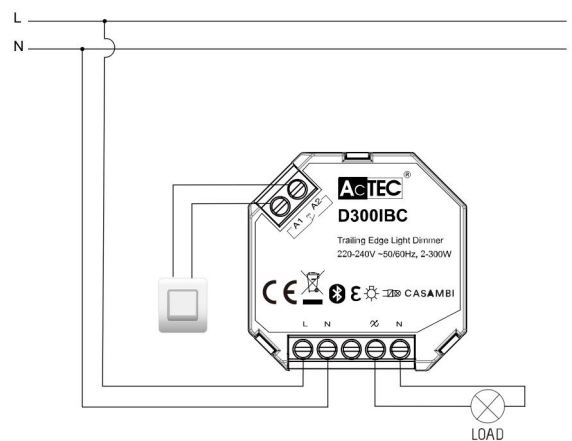
Standards

Safety	EN 60669-2-1
EMC	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
RF	EN 300328
Radio	IEEE 802.15.1

Dimensions (mm)



Wiring Diagram



Wire preparation:
PRI: 0.75-2.5 □
6mm