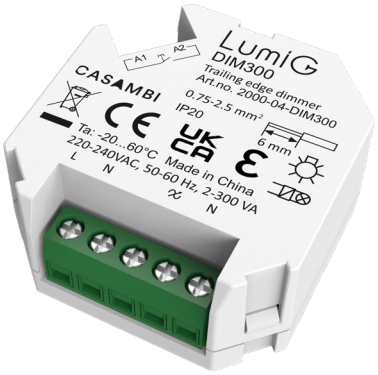
# DIM300

Casambi Ready Dimmer

Datasheet

Part number: 2000-04-DIM300




## Description

DIM300 is a Casambi Ready trailing edge dimmer with a potential free switch input. The minimum and maximum brightness level can be adjusted.

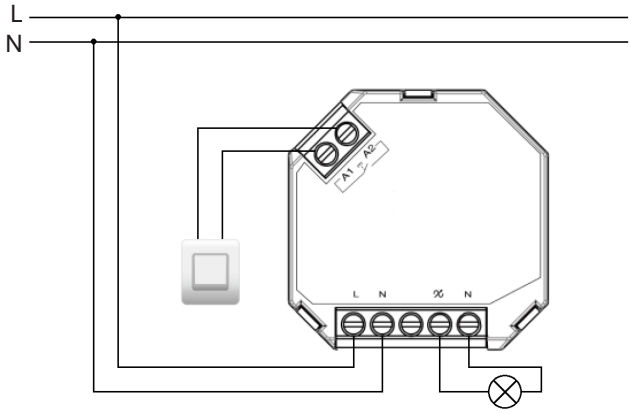
It has a small form-factor (45 x 45 x 22 mm) suitable for installing behind a traditional wall switch, into a luminaire or inside a ceiling outlet box.

DIM300 is fully Casambi compatible and can be a part of Casambi mesh network with up to 250 devices in one network. It can be controlled wirelessly by an Android and iOS device. The Casambi app can be downloaded free of charge from Apple App Store on Google Play Store.

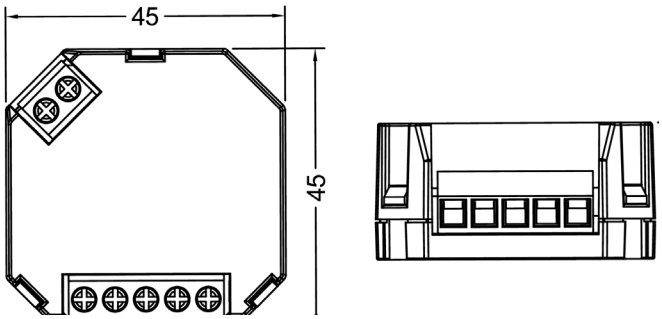
## Wiring

**Wiring information**
Mains supply wire range 0,75-2,5 mm².
Strip the wire 6 mm.
Use only one wire per terminal pole.

**Caution!**
Do not connect inductive loads, such as iron core transformers or electric motors. This could cause permanent damage to the dimmer. Do not mix different types of loads.




## Dimensions




**Load wattage**
DIM300 is specified for 300 VA. When connecting a capacitive load to it, such as LED driver, make sure to verify the load's power factor (PF) and take it into account when determining the maximum load.

Example:
LED driver's power factor is 0,9.
The maximum wattage in that case is:
*PF 0,9 * 300 VA = 270 W*

## Technical data

| Input | |
|---|---|
| Input voltage | 220-240 VAC |
| Mains frequency | 50-60 Hz |
| Max. input current | 1,36 A |
| Protection class | Class II |

| Output | |
|---|---|
| Max. load power | 300 VA* |
| Min. load power | 2 VA |
| Max. inrush current | 30 A |
| Dimming method | Trailing Edge |
| Dimming range | 0,1-100% |

* Load's Power Factor must be taken into account.
See Load wattage for more information.

| Mechanical | |
|---|---|
| Dimensions | 44 x 45 x 22 mm |
| Protection degree | IP20 |
| Wire range | 0,75-2,5 mm² |
| Wire preparation | Strip 6 mm |

| Radio | |
|---|---|
| Frequency range | 2 402-2 480 MHz |
| Max. transmit power | +8 dBm |

| Environmental and lifetime | |
|---|---|
| Ambient temperature, ta | -20...+40°C |
| Storage temperature | -20...+70°C |
| Relative humidity | 0-80 %, non-cond. |
| Lifetime | up to 50 000 h |


Copyright LumiG 2026