

Bluetooth 4ch PWM Dimmer

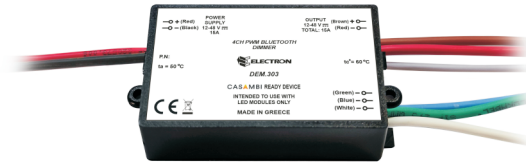


Bluetooth

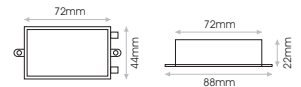
- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED modules.
- Improved bluetooth range & higher current capacity with 2.5mm² cables.
- Ideal partner for RGBW and tunable white (TW) applications.
- Suitable for TV studios.



Designed & Manufactured
by ELECTRON SA



| Code | Supply Voltage | Output Voltage | Max. Output Power | Total Output Current | Control | Dimming Method | Dimensions | IP Rate |
|----------------|------------------------------------|-----------------------------------|--|--|--|------------------|------------|---------|
| DEM.303 | 12-48VDC 15A Max. input current | 12-48VDC same as input voltage | 720W @ 48VDC 360W @ 24VDC 180W @ 12VDC | 15A can be freely divided between the channels or loaded in one channel | Casambi app. Bluetooth 4.0 protocol | PWM (1.95kHz) | 72x44x22mm | IP20 |
| DEM.304 | 12-48VDC 12A Max. input current | 12-48VDC same as input voltage | 576W @ 48VDC 288W @ 24VDC 144W @ 12VDC | 12A can be freely divided between the channels or loaded in one channel | Casambi app. Bluetooth 4.0 protocol | PWM (3.9kHz) | 72x44x22mm | IP20 |
| DEM.305 | 12-48VDC 7A Max. input current | 12-48VDC same as input voltage | 336W @ 48VDC 168W @ 24VDC 84W @ 12VDC | 7A can be freely divided between the channels or loaded in one channel | Casambi app. Bluetooth 4.0 protocol | PWM (15kHz) | 72x44x22mm | IP20 |



- ➔ Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- ➔ Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

CASAMBI

Range



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

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

**150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.



Compatible devices:

iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:

