## **Bluetooth** 1ch PWM Dimmer

## **Bluetooth**

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, single channel PWM dimmer for constant voltage LED modules.
- Ideal partner for Monochromatic applications.
- Improved range for better performance.
- Suitable for TV studios.







Code	Supply Voltage	Output Voltage	Max. Output Power	Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.310	12-48VDC 12A Max. input current	12-48VDC same as input voltage	576W @ 48VDC 288W @ 24VDC 144W @ 12VDC	12A	Casambi app. Bluetooth 4.0 protocol	PWM (1.95kHz)	70.4x35.5x22mm	IP20
DEM.311	12-48VDC 10A Max. input current	12-48VDC same as input voltage	480W @ 48VDC 240W @ 24VDC 120W @ 12VDC	10A	Casambi app. Bluetooth 4.0 protocol	PWM (3.9kHz)	70.4x35.5x22mm	IP20
DEM.312	12-48VDC 5A Max. input current	12-48VDC same as input voltage	240W @ 48VDC 120W @ 24VDC 60W @ 12VDC	5A	Casambi app. Bluetooth 4.0 protocol	PWM (15kHz)	70.4x35.5x22mm	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.
- Dasambi 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.

## Range ş ş up to 30m<sup>3</sup> 150m\*\*

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:

Android & iOS Operating Systems

We support the latest OS versions for Android & iOS, and their last two major versions respectively.

app available on:



Tablets Smartphone

CASAMBI