

# LED DALI PWM Dimmer DW - User Manual



Item no.: LC-004-012

## 1. Product Description

Der DALI PWM Dimmer DW is a 2 Channel Dimmer and suitable to control dynamic white constant voltage LED's with common anode, via DALI signal.

A special feature of the dimmer is the compact design and the high output power.

## 2. Specifications

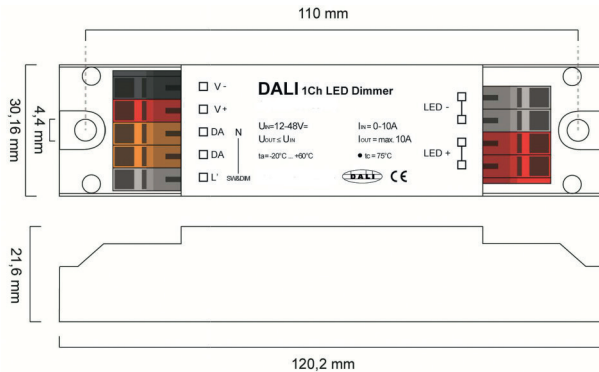
|                                      |                                |
|--------------------------------------|--------------------------------|
| Input Voltage                        | 12-24DC                        |
| Max. Input Current                   | 10A                            |
| Max. Output Current                  | 2 Channels with total max. 10A |
| Control Input                        | DALI                           |
| max. wire cross section              | max. 2,5mm <sup>2</sup>        |
| Product Dimensions (L x W x H) in mm | 120 x 30 x 21mm                |
| Weight                               | 50g                            |

## 3. Basic Features

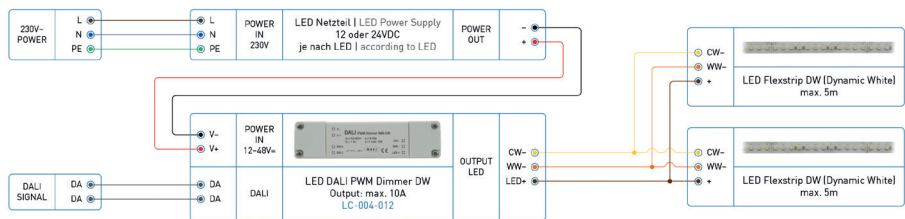
1. Power Supply 12-24DC
2. LED-Dimmer with colour temperature adjustment.
3. The device has got a shared DALI address for both channels (Device type 8).
4. Configuration via DALI-Cockpit software tool and DALI USB interface.
5. The maximum input current can be distributed at will on the channels, however the sum must not exceed the maximum input current.

Care should be taken on keeping cable lengths between DC power supply and dimmer as well as between dimmer and luminaires (Led-Strings) as short as possible. This kind of installation will minimize the influence of voltage drops.

## 4. Dimensions



## 5. Wiring diagram



## 6. Safety warnings

- 6.1. To avoid installed the product in minefield, strong magnetic field and high voltage area.
- 6.2. To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
- 6.3. Please install the product in a well ventilated area to ensure appropriate temperature environment.
- 6.4. The product must be worked with DC constant voltage power supply.  
Please check the consistence of input power with the product, if the output voltage of the power comply with that of the product.
- 6.5. Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on.
- 6.6. Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.