



THE ADECO

LED

LIGHTING



The elegant way of expressing your own style.

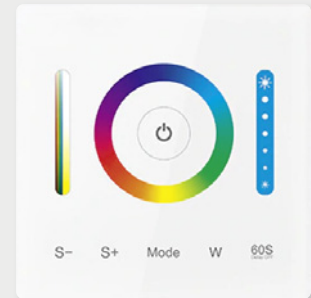




LED LIGHTING PACKAGES

Lighting package 1

- Lamps: LED strips RGBW warm white
- RGBW wall-mounted controller
- Power supply



Lighting package 2

- Lamps: LED strips RGBW warm white
- RGBW WLAN/Wi-Fi controller
- Power supply





LED LEAFLET

A distinguishing feature of the LED lamps is their long durability – as long as certain operating conditions are respected. In contrast to a conventional light bulb, the LED does not fail suddenly, but gradually loses its intensity in the course of its lifetime.

LEDs are characterized by a very long life cycle if operated properly. Proper use includes that the operating current as well as the temperature range indicated by the manufacturer are complied with.

Practical tips to increase the durability of your LEDs:

- Do not touch the LEDs.
Even the smallest dirt particles may reduce the efficiency and thermal conductivity of the LEDs.
- The LEDs must not become too hot. Reduce the temperature of the chip by 10°C or the current consumption by 10% (lower brightness) in order to prolong their durability.
- Operate the LEDs as well as the LED assemblies within the limits of the typical specifications; avoid any operation at maximum. Turn on the LED lighting only when needed → at darkness!
- Do not turn on the LED lighting on hot days and/or if the front door is exposed to strong sun radiation. As a result of the higher surface temperature of the door, the temperature of the LEDs increases. Heat accelerates their aging, thus reducing their life cycle.
- Lighting package 2: Use the timer function in your app to turn on/off the LED lighting.
Lighting package 1: Use a timer (option) or a twilight sensor.
The settings on the touch control will be retained even after disconnecting the power supply.
- The life cycle of your LEDs will considerably be reduced by switching on the warm white and colour LED lights at the same time. Please use **either** the warm white or the colour LEDs.
- Avoid the colour setting „cool white“. This setting causes a higher current consumption resulting in an increase in heat which reduces the durability of the LEDs.



As a basic rule:

- Reduce the brightness of the LEDs to a minimum.
 - Turn on the LED lighting only when it makes sense
→ in the twilight / at night!
- ✓ **Less heat = Longer life cycle**

