

# SMART WIRELESS LIGHTING

## Easy cost reduction

Make use of SMART WIRELESS LIGHTING to noticeably cut installation, energy and commissioning costs against your conventional illumination system.



Lower **installation costs** with Smart Wireless Lighting

# -50%

compared to DALI lighting systems

Lower **energy costs** with Smart Wireless Lighting

# -70%

compared to T5 lighting systems

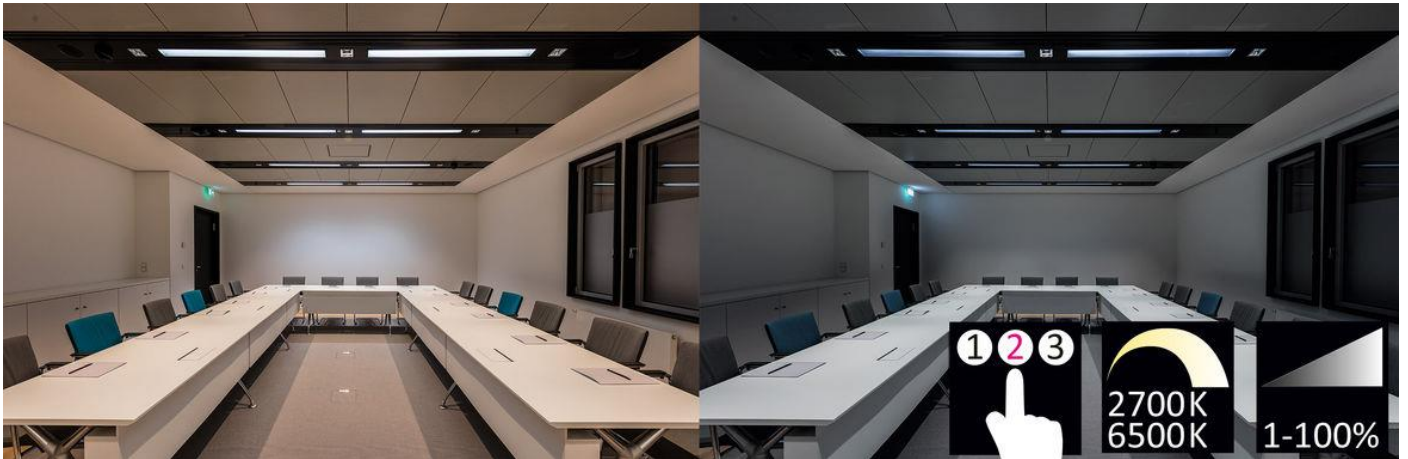
Lower **commissioning costs** with Smart Wireless Lighting

# -90%

compared to standard lighting systems

- Less wiring work since additional control leads like for DALI or DMX systems, for example, are rendered superfluous
- Systems can be extended or changed without the need for wiring
- Commissioning costs are reduced as neither PCs nor programming know-how is required
- Maintenance costs are minimised by a remote-maintenance option
- Costs are cut by presence-dependent and timer-controlled light management
- Longer service life due to optimised operation times
- Energy costs are lowered thanks to highest-efficiency LED technology
- Light scenes can easily be changed with a free App
- Lighting can be adapted to changing room purposes by Smartphone without a technician

## Easy planning



### Manual scene selection

Stored scenes can be called up and adapted to the room use quickly.

### Luminous colour and brightness Level

Depending on the luminaires used the luminous colour can be individually adjusted between 2700K and 6500K and intensity between 1% and 100%.



### Presence detection

Light by demand thanks to integrated sensors

### Calendar and timing functionalities

Built-in clock and calendar enable timing.



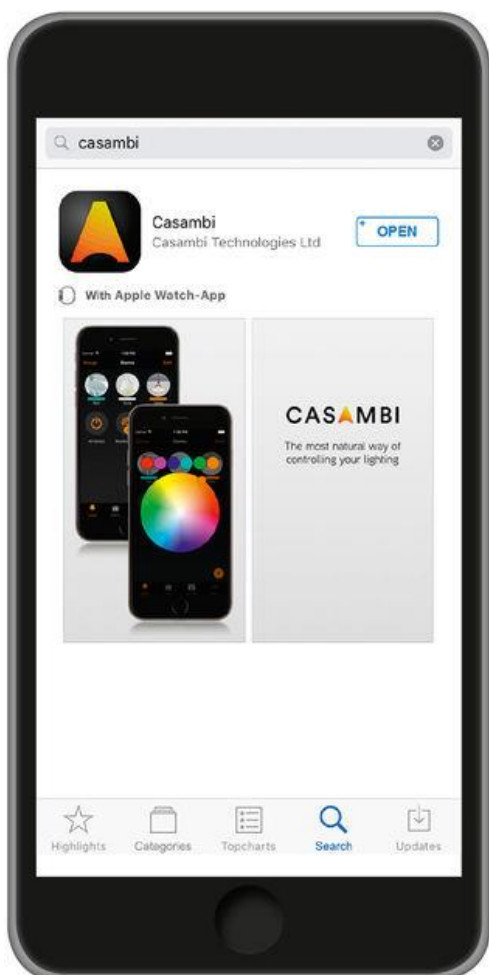
### Adjustment to changed purpose or with system extensions

The control of single and groups of luminaires via App can be adapted to the use any time. Wireless installation makes subsequent extensions easy.

### Easy commissioning and personalising

You don't have to be an expert - the user-friendly and free App for Apple and Android makes commissioning your illumination system child's play. And should you still have questions, we have detailed tutorials.

1. Download free App
2. Search luminaires
3. Commission luminaires
4. Touch and smile



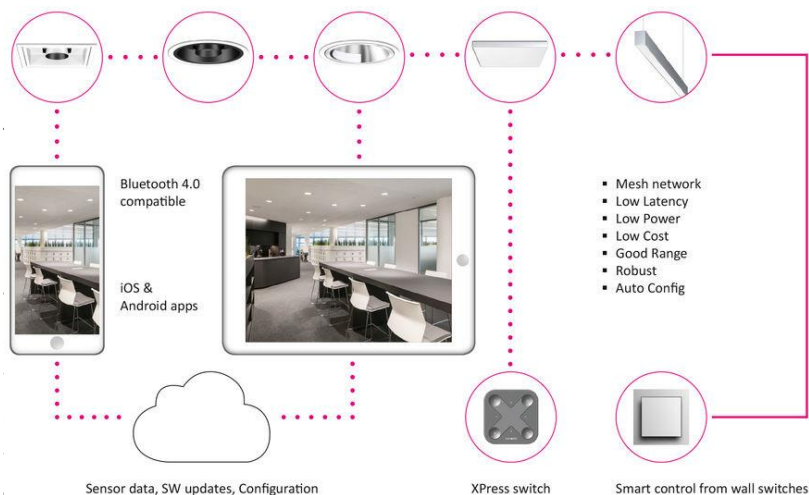
## Simply better system technology

SMART WIRELESS LIGHTING relies on the high development standard and widespread acceptance of technology expert Casambi. This ensures system security for you - both today and tomorrow.

The system is controlled with a free App. SMART WIRELESS LIGHTING relies on Casambi as a technology partner. This allows you to buy into a dynamic technical development for proven mainstream technology based on modern Smartphones & tablets.

## Technical possibilities

- Control of up to 3 DALI LED drivers per module - with a DALI Repeater up to 64 modules



## Free updates

The Casambi App is constantly updated through automatic updates via the Internet. Firmware updates for the luminaires can be transmitted by Bluetooth directly to the Casambi Network. After you have given your consent this even happens entirely automatically and involves no additional workload. Once the system is set-up or updated, it can even operate without being connected to the web. This means your lighting system is always up to date and future proof.

## IoT - Internet of Things

This means - Casambi takes lighting into the Internet of Things (IoT). Any iOS or Android Smartphone can be used as a connection to this IP world. This allows you to control your illumination system and check its current operating mode from anywhere in the world.

## Control elements for ultimate ease of use

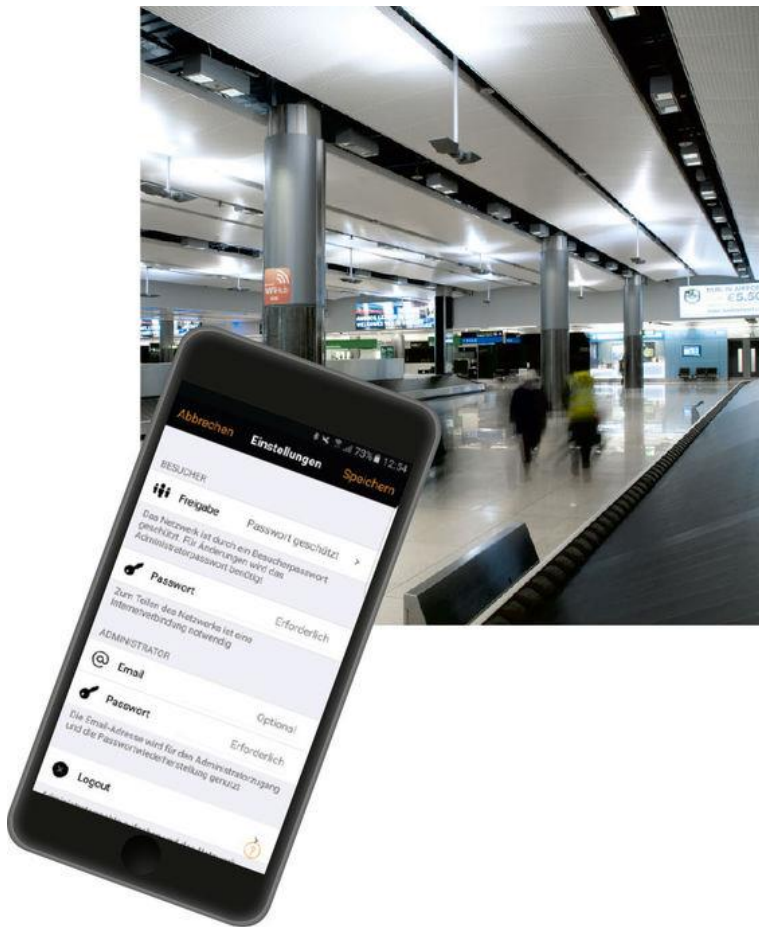
You can use a Smartphone, tablet or Smartwatch for App-based operation. In addition to this, the system can be switched on and off by all customary switches. For extra convenience you have the wireless and magnetic Xpress switch at your disposal.

## Bluetooth Low Energy 4.0

SMART WIRELESS LIGHTING is available just about anywhere without Internet connection thanks to progressive wireless lighting control based on Bluetooth Low Energy (BLE). Controlling without any additional devices such as gateways or routers (reduces costs, eliminates sources of error). BLE connection is particularly thanks to automatically Frequency Hopping.

## Mesh network

Mesh network and algorithms ensure a balance between the luminaires, control elements and sensors within the network. Here information is passed on from each individual node. Each node also automatically serves as a repeater and relays the signal to neighbouring nodes.



## Password protected

Passwords prevent inadvertent access to the network and parameters from outside. Casambi offers 4 options for network sharing.



## iBeacon

Casambi modules already feature iBeacon transmitters, which can be activated upon demand. This makes it possible to identify shoppers' location and they are sent information on special bargains in their immediate vicinity via smartphone. Lighting can also be used for guidance and providing accents.

## Simply individual light solution

WILA's complete range of LED products is suitable for SMART WIRELESS LIGHTING! In addition to the current product portfolio, now even already installed LED luminaires can be update-enabled.



## We assist you in Planning

Our expert local sales team can assist you in planning your SMART WIRELESS LIGHTING solution in cooperation with our project planning department. We would also be delighted to jointly develop individual product solutions for your specific projects.

