



## 3DA WIRELESS LIGHT CONTROL

The 3D Accelerator is a brand new solution for wireless control and light dimming of standard fluorescent lamp tubes.

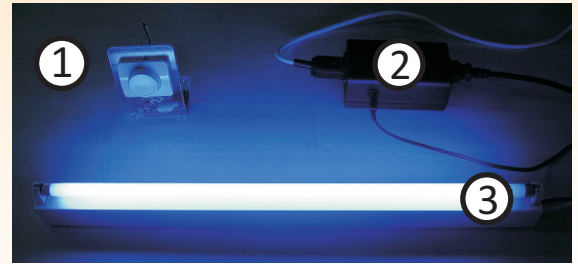
This patent pending low-power wireless lighting control & dimming solution operates on a proprietary wireless standard and integrates RF and 3 dimensional control (via an accelerometer). It's additionally low powered due to the fact that power is consumed only when the light switch/knob is turned.

This concept will be of particular interest to companies delivering low power innovative lighting control solutions to the market.

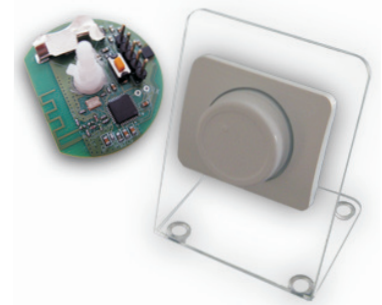
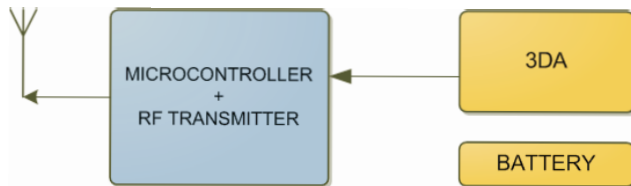
# 3DA WIRELESS LIGHT CONTROL\*

3DA WLC Demo System includes 3 main parts:

1. Remote dimmer with batteries (Sender side)
2. Tube Lamp (TL) driver (Receiver side)
3. TL with electronically controlled ballast

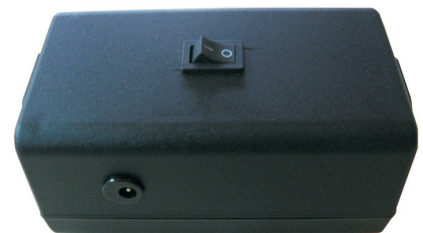
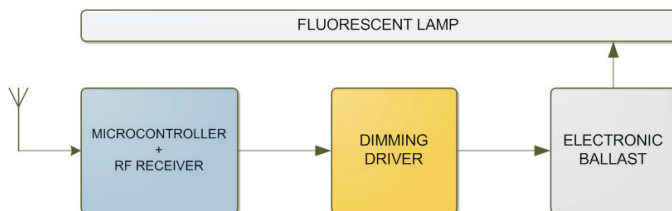


## SENDER SIDE



- Remote control device
- Sending ON and OFF commands
- Sending light dimming commands (16 levels)
- Easy to install by just placing it on the desired wall position
- Battery power supply (2 years of usage without battery changing, based on average use of 2 hours per day)

## RECEIVER SIDE



- Mounted on the lamp
- Uses network power supply AC 220V
- Output is connected to the electronic ballast (AC 220V power supply and DC 1-10V control signal)
- Easy to install in existing lamp- Low power consumption
- Receive dimming commands from senders side and gives DC 1-10 V command signal to the ballast
- Receive ON/OFF commands from senders side and switch ON/OFF power supply (AC 220V) for ballast

## FEATURES

- light dimming
- easy to install
- low power consumption
- no additional wiring
- easy system upgrade to control more lamps

## USE CASES

Instant installation in all interiors, especially in places where additional wiring is critical due to the safety reasons (Bathrooms, Kitchen)

\*This product is patent pending

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