



## 546642, 546647 StrongLumio wireless kinetic switch (self-powered) 35mm recessed installation

### 1 Product overview

The device is meant for wireless control of single-color LED lighting using a paired control unit. When a dimmable control unit is used, the dimming function can be operated by holding the switch button in the pressed position. The device utilizes kinetic energy generated by pressing the button itself, without the use of batteries or any other power source.

Use the product only according to this user manual. Do not open or disassemble the device. Keep and use it in dry environment protected from weather conditions. It is not suitable for use in exterior.

### 2 Technical parameters

Parameter	Value	Parameter	Value
Model	546642, 546647 / F4	Radio frequency	RF 433 MHz
Power supply	Self-powered	Range	30 m w/o obstacles, 15 m indoors
Lifespan	>100 000 presses	Dimensions lxxh	40x40x17,1 mm
Operating temperature	-20 °C ~ +55 °C	Protection	IP20
Operating humidity	5%-85% RH	Certification	CE, RoHS

## 3 Product functionality

### 3.1 Pairing with control unit

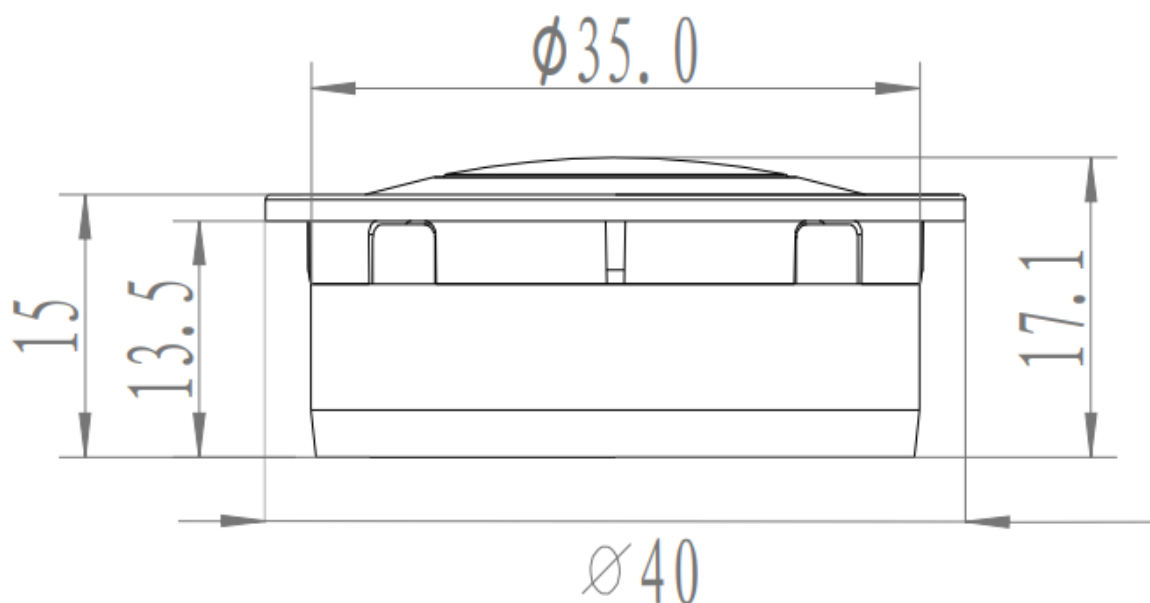
Press and hold the pairing button on the receiver ca 3 seconds. The red indicator light will start flashing slowly (once per second) to indicate the pairing mode. At this moment, shortly press the button on the switch once to complete the pairing.

### 3.2 Application and function

After pairing with the control unit, the device allows wireless control of the lighting. Multiple receivers can be paired with a single switch, but they will be controlled simultaneously – it is not possible to operate separate zones. For this purpose, multiple switches or a model with several buttons are required.

The product is supplied with a housing for surface mounting. After removing it from the housing, the switch can be installed into a milled hole with a diameter of 35 mm.

## 4. Dimensions



Producer: Démos trade, a.s.  
Škrobálkova 630/13  
718 00 Ostrava-Kunčičky  
Czech Republic

