

**we-ef**

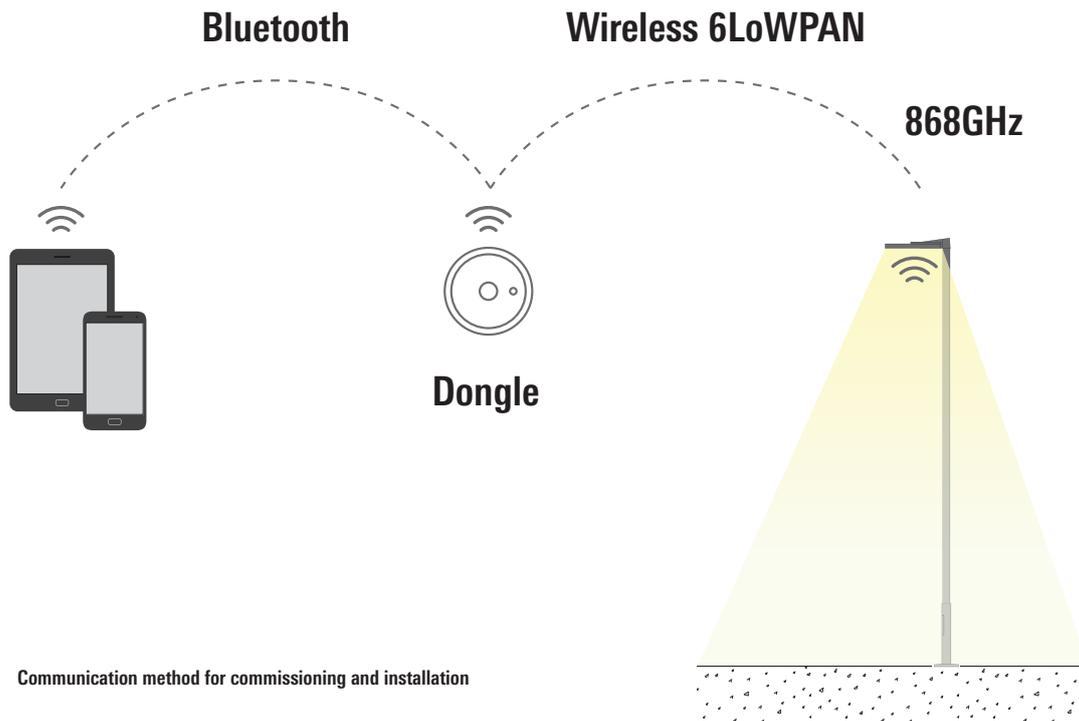
**WE-EF LEUCHTEN**

**Eco Step Dim® Motion  
Dongle  
Manual  
2019**



## Features

- The dongle is required when the user wants to communicate with an Eco Step Dim® Motion System.
- Makes it possible to communicate to an Eco Step Dim® Motion System from an Android smart phone or tablet.
- Micro-USB charging (charging cable included)
- All-day battery life on a single charge.
- Small, pocket-sized.
- One button interface.
- Simple battery level indicator.



## Turning the dongle on

Press the button for 1 second and the dongle turns on. The LED will have a constant white light followed by a sequence of colours.  
*Press the button for 1 second.*

## Ready mode

The dongle is ready for connection when the LED is blinking blue.

## Connection to an Android smart phone or tablet

When logged in to the WE-EF Eco Step Dim® Motion app, select the dongle in the connection menu.  
When the smart phone/tablet and dongle are connected, the LED will go from a blinking to a constant blue light.

## Battery indicator

The level of the internal battery can be checked by making a short press on the button. The LED will indicate the battery level:

- Short green light — strong battery level
- Short yellow light — average battery level
- Short red light — low battery level

## Charging the dongle

Use a Micro-USB cable and a standard USB charger (not included in delivery) to charge the dongle. The LED will change during charging indicating the status as above.

## Turning off the Dongle

You turn the dongle off by pressing the button on the device until the LED turns white. After which the LED will stop blinking. *Hold-press the button for at least 3 seconds, but less than 10 seconds:*

## Factory reset

The dongle can be reset to the factory settings. The reset shouldn't be used under normal operation. *Hold-press the button for at least 10 seconds, the dongle will reset. The LED will have a constant white light, release when the LED starts blinking purple.*

## Electrical characteristics

Internal Li-ion Battery	2350 mAh / 8,4 Wh
Input voltage (Micro-USB)	5 V DC
Charging current (Micro-USB)	max. 300 mA*

## Connectors

Charging	Micro USB
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## Design

Dimensions (DxH )	87 x 23 mm
Box material	ABS

## Operating conditions

Charge temperature	+10°C to +45°C
Discharge/usage temperature	-20°C to +45°C
Relative humidity (no condensation)	10% to 90%

## Wireless connection

Android smart phone or tablet	Bluetooth 4.1
Control	868 MHz IEEE 802.15.4

\*Internal current limiting. Use a normal USB charger.

Technical specifications are subject to change.

**WE-EF LEUCHTEN** GmbH

Toepinger Strasse 16

29646 Bispingen

Germany

Tel +49 5194 909 0

Fax +49 5194 909 299

[info.germany@we-ef.com](mailto:info.germany@we-ef.com)

[www.we-ef.com](http://www.we-ef.com)

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