

Quick Installation Guide

This Quick Installation Guide contains important information and notes regarding the installation of Philips InstantFit LED T8 with EasySmart technology. You will be instructed to install the lamps and commission them into controlled network(s) with this guide.



Before You Start

Please read carefully the important points regarding Philips InstantFit LED T8 with EasySmart technology:

- Product is dimmable by wireless control. DO NOT use with dimmer.
- Operating ambient temperature from -20°C to +45°C.
- Suitable to replace T8 fluorescent lamps that operate on verified ballasts only*.
- Must be used with compatible control devices*.
- NOT intended for use in emergency luminaires.
- NOT compatible with luminaires that use a remote starter.
- Modifications to the product void the warranty.

*Please refer to www.philips.com/EasySmart for latest compatibility list.

Plan the Installation

It is important to plan how networks will be deployed before commencing installation work. While planning, please take into account the use of spaces and thus decide which devices to be grouped together. Note that up to 50 lamps can join the same network and lamps in different networks cannot be controlled together.

A Design Guide can be found at www.philips.com/EasySmart to help you plan out the installation. Lamps must be used with compatible control devices. Please always check the latest compatibility list on EasySmart website. Depending on your applications, you may need to purchase control devices from a different manufacturer.

Check the Devices

Once the installation plan is ready, check all Philips devices are well received. In this box, you will receive Philips InstantFit LED T8 with EasySmart technology. An optional Philips IR programming tool can be purchased separately to facilitate installation.



Philips InstantFit LED T8 with EasySmart Technology



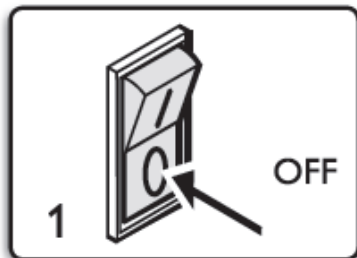
Philips EasySmart IR programming tool

Check all other control devices from your selected manufacturer, including sensor and switch, are also well received. In order to commission these devices, you may need to use a tool provided by that manufacturer, e.g. mobile App.

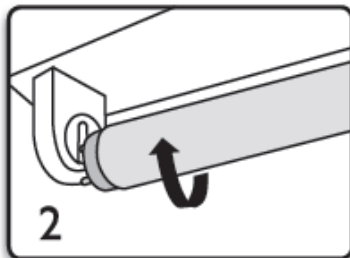
Set Up the Network(s)

Following two steps are needed to set up the network(s).

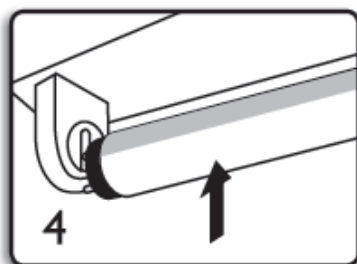
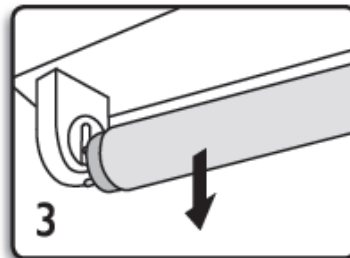
INSTALL ALL DEVICES: You can easily replace your fluorescent T8 lamps with LED lamps in this box following the steps below.



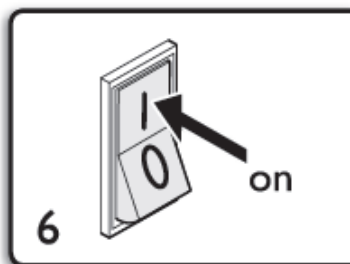
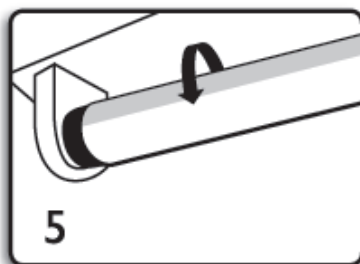
1. Switch off power to the luminaire.



2, 3. Remove the existing fluorescent lamps.



4, 5. Install the Philips InstantFit LED T8 with EasySmart technology.



6. Switch on the power to luminaire.

All sensors and switches also need to be properly installed and powered on. Please refer to manufacturer's installation instructions.

COMMISSION THE NETWORK(S): InstantFit LED T8 with EasySmart Technology are designed to be easily added to a network that contains sensor and switch. After power-on, lamps will look for available network automatically. In some cases where a more controlled commissioning is preferred, we also provide an option to allow only registered lamps to join the network. This can be done by scanning the unique Quick Response Code (QR code) on individual lamp.

On www.philips.com/EasySmart, you will find instructions to commission the network(s) with control devices from different manufacturers.

Verify the Installation

To verify whether the lamps have joined the correct network(s), press any button on the smart wall switch. All lamps that are supposed to be in the network should respond to the commands. If not, please go to the TROUBLESHOOTING section in this guide.

For other devices in the network, e.g. occupancy sensor, daylight sensor, please refer to manufacturer instructions to verify the installation.

Troubleshooting

Performing factory reset will restore a lamp to its default state. It will be removed from its current network (if any) and all settings will be deleted. Usually factory reset is needed in case of wrong commissioning.

To reset a lamp, point the EasySmart IR programming tool to the lamp.

- Press 'identification' button. Lamp will start blinking.
- Press 'reset' button
- After two longer blinks, lamp will first turn OFF and then ON to indicate successful reset.

CAUTION – IF THE LAMP OR LUMINAIRE EXHIBITS UNDERSIRABLE OPERATION (BUZZING, FLICKERING, ETC.) IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER.

CAUTION – RISK OF FIRE. DO NOT INSTALL IN A PRE-HEAT LUMINAIRE.

THIS LAMP ONLY OPERATED ON ELECTRONICS BALLAST. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMIAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN.

CAUTION- RISK OF FIRE, PERFORM A VISUAL INSPECTION TO ENSURE LAMP HOLDERS ARE NOT DAMAGED OR LOOSE. IF DAMAGED, CORRODED, CHARRED, BLACKENED, OR LOOSE, CONTACT A QUALIFIED ELECTRICIAN FOR PROPER REPLACEMENT.

LAMPS MUST BE OPERATED WITHIN AN AMBIENT FIXTURE TEMPERATURE OF -20°C AND +45°C TO ENSURE UL COMPLIANCE.

CAN ICES-005 (A) / NMB-005 (A)

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS OR NOT FOR EMERGENCY LIGHTING.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

THIS PRODUCT MAY CAUSE INTERFERENCE TO RADIO EQUIPMENT AND SHOULD NOT BE INSTALLED NEAR MARITIME SAFETY COMMUNICATIONS EQUIPMENT OR OTHER CRITICAL NAVIGATION OR COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45 – 30MHZ.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

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