

Assembly/operating instructions & technical data for universal dimmer OBRIUS

The OBRIUS dimmer is an intelligent, programmable device for controlling the brightness of LED light sources, halogen lamps operated by electronic transformers and incandescent lamps. The dimmer makes it possible to change the brightness of the lighting.

1. Intended use

This product is for lighting purposes only and: -may only be installed indoors -only be operated in dry rooms, i.e. not in damp rooms or rooms where there is a risk of dirt and in the area of high humidity -must not be exposed to strong mechanical loads or heavy soiling -may not be operated after damp or dirty storage until after a condition check - may not be changed or modified, otherwise the operating permit and conformity will expire with immediate effect! It is not allowed to remove the type plate.

⚠ If the aforementioned points are not observed, a short circuit or electric shock may occur! **There is danger to life!**

2. General safety instructions

⚠ The complete installation may only be carried out by an authorized electrician who is familiar with the applicable guidelines. Hereinafter referred to as „qualified electrician“.

⚠ For safe handling of the product, the user must have read and understood the installation/operating instructions completely before using the device for the first time.

⚠ The product may only be used if it is alright. If the device or parts of it are defective, it must be repaired by a qualified electrician.

⚠ This product is not a toy and is not allowed to be stored or used within the reach of children.

⚠ Safe operation of the product is only guaranteed if these instructions are followed. Therefore, keep these assembly/operating instructions. SSC-LUXon GmbH accepts no liability if the instructions given here are not followed or the lamp is subjected to improper use.

3. Operation, faults & disorders

⚠ **Caution:** Danger to life! Repairs to the product or work on live parts may only be carried out by qualified electricians.

In case of an error, the device must be switched off immediately. The product may only be operated if it works correctly. The device may only be put back into operation after it has been checked by a qualified electrician! **This is the case if:**

1. there is visible damage, 2. the product is not working correctly, 3. there is smoke, steam, or audible crackling noises, 4. overheating can be detected

4. Cleaning & care instructions

The product may only be wiped dry or carefully with a slightly damp and lint-free cloth. The product is not allowed to be removed for this purpose. Do not use abrasive or sharp objects or aggressive cleaning agents. Do not use solvents.

Technical data universal dimmer OBRIUS



Use only indoors

Type: Universal dimmer

Model: OBRIUS

Voltage: 230V AC/50Hz

Protection type: IP20

Material: Steel

Measurements WxHxD: 70 x 70 x 31 mm

Connection cable: Max. 1,5 mm²

Flush-mounted box: Ø 60 mm

Halogen: 250W (max. 10 Pcs.)

LED: 0-100W (max. 10 Pcs.)

Notes / explanations & legend

Important information



Disconnect the device from the mains power before starting any work



Protection class II



Installation only by qualified electrician



Notes on use indoors & outdoors

⚠ **Protection type IP20 & IP23** - Use only indoors and dry, i.e. do not use in damp or dirty rooms and in areas of high humidity.

⚠ **Protection type IP44 & IP6X** - Can be used indoors and outdoors.



Onlineshop:
www.led-lichtraum.de



Satisfied with your product?
Then we look forward to your product review in our online store, on Amazon or eBay!

Disposal instructions

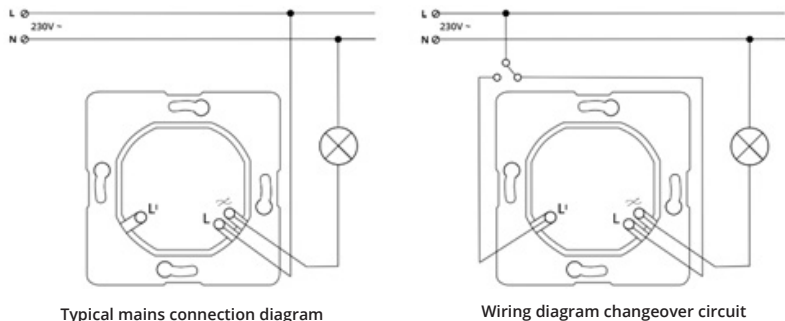


Make sure to dispose packaging in accordance with the applicable guidelines of your local authority. Devices marked with the crossed-out waste garbage do not belong in the household waste!

You are obliged to hand in these devices at one of the free collection points in your municipality. You can obtain more information from your local authority, the relevant town hall or a local or regional waste disposal company.

⚠ **Keep packaging material and small parts away from children and animals. Danger of suffocation!**

Installation - connection diagram



- ▲ **Caution:** The connecting cable must be disconnected from the power supply before starting work (switch off the main switch/fuse)! Only use parts that are supplied with the product or clearly marked as accessories! Otherwise the product may not be sufficiently safe!
- ▲ The cable routing shown in the illustrations is for simplified purposes only. They in no way represent a recommendation for connection! The connection may only be carried out by a qualified electrician.
- ▲ Watch out for cables and gas and water pipes when drilling.
- ▲ **Important:** The dimmer must not be used for halogen lamps operated by magnetic transformers.

General notes on dimmer configuration

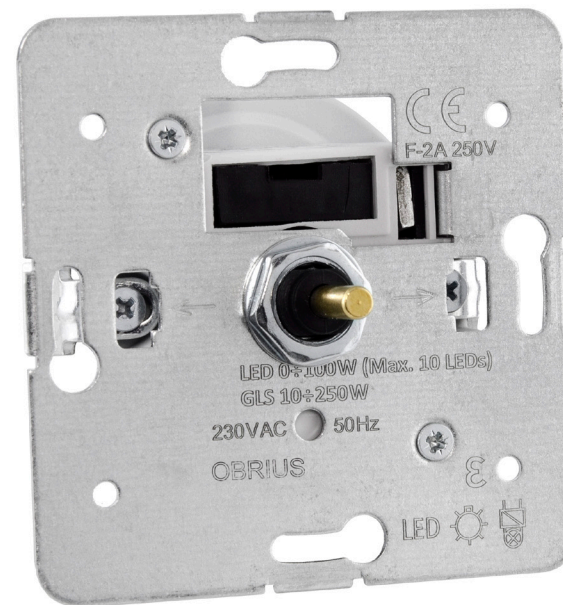
- All steps must be carried out quickly one after the other. If the light flickers, the minimum brightness of the light source must be adjusted.
- ▲ The mode of the dimmer only needs to be changed if it does not work properly, e.g. flickers.
 - ▲ The default setting of the dimmer is OPERATING MODE 2. The dimmer is equipped with overload and short-circuit protection. In the event of an overload, the dimmer switches off automatically.
 - ▲ **Important:** In rare cases, the dimmer may only switch the light on and off but no longer dim it. In this case, please carry out a reprogramming as described below.

Minimum brightness setting & reprogramming




1. Switch on the dimmer and turn the dimmer shaft (=potentiometer) to MINIMUM (all the way to the left).
2. Now switch the dimmer off and on again three times. No more than 1 second may elapse between switching off and switching on: OFF -1s- ON -1s- OFF -1s- ON 1s- OFF - 1s- ON.
3. The light starts to flicker and then goes out. The dimmer is now in CONFIGURATION MODE.
4. Within max. 3 seconds after the light goes out, turn the dimmer shaft to the right until the light source starts to shine. Leave the dimmer shaft in this position for 3 seconds. The dimmer adopts the set brightness as MINIMUM BRIGHTNESS. The LED will shine once stronger and once weaker. The dimmer is now back in normal OPERATION MODE.

Changing the operating mode

1. Switch on the dimmer and turn the dimmer shaft to MAXIMUM (all the way to the right).
 2. Now switch the dimmer off and on again three times. Between switching on and off, no more than 1 second must elapse between switching on and off OFF -1s- ON -1s- OFF -1s- ON 1s- OFF - 1s- ON.
 3. The light starts to flicker and then goes out. The dimmer is now in CONFIGURATION MODE.
 4. To select OPERATING MODE 1 (=phase section), turn the dimmer shaft (=potentiometer) to MINIMUM (=all the way to the left) within 3 seconds and then back to MAXIMUM (=all the way to the right). To select OPERATING MODE 2 (=phase angle), turn the dimmer shaft (=potentiometer) to MINIMUM (=all the way to the left) within 3 seconds.
 5. The LEDs flash: 1 x flash = MODE 1, 2 x flash = MODE 2.
 6. The dimmer is now back in normal OPERATION MODE.
- ▲ You can check the currently set mode by skipping step 4!



Important information

-  Disconnect the device from the mains power before starting any work
-  Protection class II
-  Installation only by qualified electrician



Notes on use indoors & outdoors

- ▲ **Protection type IP20 & IP23** - Use only indoors and dry, i.e. do not use in damp or dirty rooms and in areas of high humidity.
- ▲ **Protection type IP44 & IP6X** - Can be used indoors and outdoors.

Onlineshop: www.led-lichtraum.de

★ **Satisfied with your product?**
Then we look forward to your product review in our online store, on Amazon or eBay!