

LEDCity

LED TUBE SEMI-AUTONOMOUS

Installation and
operating instructions



-90%
**ENERGY
CONSUMPTION**



SEE
PRODUCT
ONLINE

ledcity.ch

OPERATING INSTRUCTIONS

We are pleased that you have chosen the energy-saving lighting solution from LEDCity. To ensure that the luminaire saves as much energy as possible while providing the perfect amount of light.

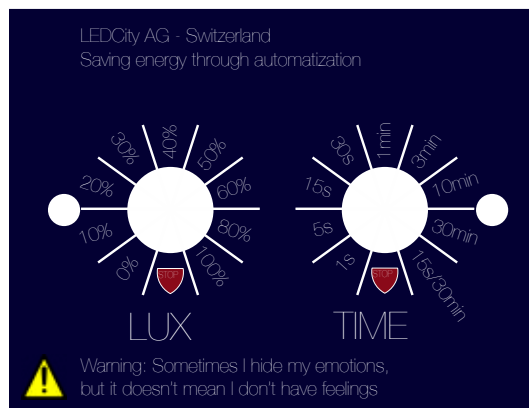
SETTING THE PARAMETERS

The parameters can be adjusted on the back of the LED tube.

LUX: The "LUX" setting determines the value to which the light source slowly dims down as soon as the follow-up "TIME" has elapsed. You can choose whether the lamp switches off completely or the light is only dimmed. If LUX = 0% is selected, the light source switches off completely. If LUX = 100% is selected, the luminaire is lit continuously at full power. Here too, more energy can be saved if the lowest possible value is selected.

TIME: The light intensity is slowly reduced to the set value "LUX" after the last detection by the high-frequency sensor and when the chosen "TIME" has elapsed. The shorter the time selected, the more energy is saved.

If you set the value to "15s/30min" you activate a special mode: The tubes dims to the set value "LUX" after 15 seconds and turns off completely 30 minutes after the last detection.



On the front side, there is a high-frequency motion detection sensor hidden under the logo "LEDCity". It detects people through non-metallic objects. In order to not impair the function, no metallic objects should cover the sensor. There are two small openings next to the logo. In the left opening (which is closer to the logo) there is a light emitting diode. It lights up blue as long as a motion by the high-frequency sensor is detected. It does not influence the behavior of the light source, but only serves as an indication.

On the right side of the logo there is a brightness sensor. The brightness sensor measures the ambient light and switches off the luminaire as soon as there is enough light in the room. The sensor is delivered with

the adhesive "Remove sticker for daylight sensor function". Only remove this adhesive if the functionality is actively desired and the light is not reflected by a cover. It should not be removed in the following use cases:

Case A: The light source is covered with a cover. The cover reflects the light and the light emission is stopped.

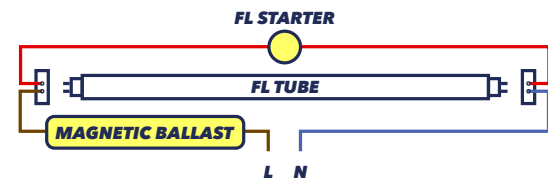
Case B: The adhesive should also not be removed if the lamps are installed close together. Depending on the reflection of the floor, the lamps may deactivate each other.

INSTALLATION INSTRUCTIONS

LED Tubes from LEDCity comply with the EN 62776 standard, ensuring safe installation without the risk of electric shock. Any intervention in the existing device may only be carried out by qualified personnel. The semi-autonomous LED Tubes from LEDCity AG contain various sensors. Ensure that the sensor heads have a minimum distance of 0.5 m to each other, that they are not covered by any metal objects and that they are not installed near antennas and repeaters (> 4 m).

PREVIOUS WIRING WITH MAGNETIC BALLAST

It is possible to leave the conventional ballast installed and replace the FL starter with an LED starter. Normally the function is not affected. However, the warranty will be void, as the risk of failure will increase. LEDCity recommends removing the ballast, because the lifetime of the ballast is limited and the electricity consumption would be increased.



PREVIOUS WIRING WITH ELECTRONIC BALLAST

ECGs must be bridged. On fittings which have been specially built or modified for LED tubes, a clearly visible warning notice with the following content is to be attached: "Attention! Only suitable for LED tubes!".



CORRECT WIRING FOR LED TUBES

After the ballast has been removed, the LED tube can be inserted with the desired parameters. If the wiring is done correctly, the LED Tube can be inserted in any direction.

