

Notes on installation and operation of ERCO luminaires with Zigbee

ERCO luminaires for track with Zigbee have been developed for operation with Zigbee 3.0. This requires a suitable network with the requisite hardware (e.g. hubs, bridges or gateways) and the corresponding software. Depending on the hardware / software, there may be slight deviations in behavior. The following information therefore relates primarily to the hardware of the luminaires. Sizes XS to M behave in the same way; there are slight differences with size L, which are specified below. There are also slight differences in the 48V luminaires.

Initial installation

- Activate network and open it at the gateway via the software
- Insert luminaire in track and switch on power supply on the luminaire

Luminaire automatically connects to the network and acknowledges this by flashing once (sizes XS to M) or 10 times (size L).

Note: Networks remain open for only a few minutes, repeat the opening procedure if necessary, and with size L switch the power supply off and on again.

Removing a luminaire from an existing network

To use a luminaire in another network, it must be logged off before it is removed. This is done by a command in the network, e.g. "Delete luminaire".

If this has not been done, the luminaire cannot log on to another network.

Removing a luminaire from a network that no longer exists (reset)

If the luminaire cannot log on to a network, it must be reset via an on/off switching sequence.

To do this, you can switch the luminaire on the luminaire adapter or via the track.

Note the following instructions:

Attention! Falling parts!

If you perform the sequence via the luminaire adapter, make sure that you only switch off the power supply but do not release the mechanical lock.

If you switch the sequence via the track, you must consider that this resets all ERCO luminaires with Zigbee in the circuit. If this is not desired, apply the sequences via the adapter of the luminaire.

48V luminaires:

It may not be possible to perform the sequence on the track depending on the size of the luminaire and the equipment on the track. With 48V luminaires, switching on the adapter is thus recommended.

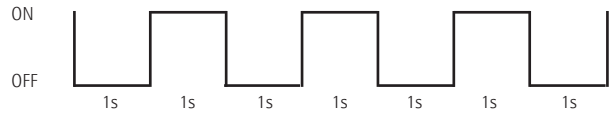
Attention! Falling parts!

Switching on the adapter simultaneously releases the mechanical lock of the luminaire in the Minirail 48V track. This can cause the luminaire to fall down. Therefore, hold the luminaire firmly when switching it on and off.

Performing a reset Sizes XS to M

- Mount the luminaire and switch it on (for at least 3s)
- Apply the following sequence

1s OFF, 1s ON, 1s OFF, 1s ON, 1s OFF, 1s ON, 1s OFF. ON



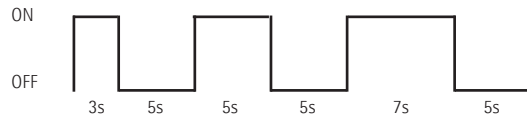
The luminaire logs off and flashes 3 x

Size L

- Mount the luminaire
- Switch the luminaire off
- Apply sequence A

Sequence A:

3s ON, 5s OFF, 5s ON, 5s OFF, 7s ON, 5s OFF. ON

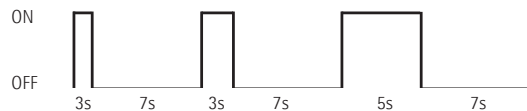


The luminaire logs off and brightens to 100%

- If the luminaire does not respond to sequence A, apply sequence B:

Sequence B:

1s ON, 7s OFF, 3s ON, 7s OFF, 5s ON, 7s OFF. ON



After a successful reset the luminaire can log on again.