INSTALLATION GUIDE

Connecting the lights

Headlight and light converter with a Van Beijck system.

In the box

- Headlight (for example the Van Beijck 60 lux headlight)
- Or: light converter 24–48 V to 6 V

What you need

- Phillips screwdriver
- Cable ties

Safety first
Disconnect the battery before working on cables, the controller or the motor. Make sure the bike stands firmly, preferably in a work stand. In doubt? Have the installation done by a bike shop or a Van Beijck dealer.

How the lighting works

Lamp	Voltage	Connection
Headlight	6 V	On the headlight plug of the controller

Connect the headlight

1. **Fit the headlight**
   Fit the headlight at the front of the bike, for example on the fork or the handlebar.
2. **Connect**
   Connect the headlight to the headlight plug (6 V) on the controller. You can also use your existing 6 V headlight.
3. **Test**
   Switch on the display and turn on the lights: the headlight comes on.

Van Beijck 60 lux headlight
This headlight works on 6 to 58 V, so it fits the 6 V output of the controller.

Light converter (24–48 V to 6 V)

Do you have a 6 V lamp and does your system only supply the battery voltage (24–48 V)? Then fit the light converter in between. It turns the battery voltage into 6 V for the lamp.

4. **Connect the converter**
   Connect the converter input to the lighting cable (24–48 V) and the output to the 6 V lamp. Both sides have a 2-pin plug.

Never connect a 6 V lamp directly to the battery
A 6 V lamp connected directly to 24–48 V burns out immediately.