

TWLED-2B

INSTALLATION, OPERATION AND MAINTENANCE MANUAL



*Always read these operating instructions carefully
before putting the LED KIT into operation.
Follow the instructions carefully.*

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Important Information:

ASSEMBLY



Das Aufbauvideo zu dieser Hebebühne finden Sie auf YouTube: <https://youtu.be/kj-uTQW7dvg> oder scannen Sie den QR-Code.



1. General information

The Twin Busch LED lighting **TWLED-2B** has been specially developed for our barrier-free 2-post lift models. A set consists of 4 flexible and magnetic LED strip lights / LED strips, a transformer, power and connection cables, a remote control and the necessary mounting and installation material. The LED strips are equipped with four RGBW diodes (red, green, blue, white), allowing a variety of colour mixing and white light to be set. These LED lights provide a pleasant light in any colour and brightness.

Two LED strips are attached to each lifting column using a magnetic backing - no drilling or screws required.

Suitable for the following models, can also be retrofitted at any time: TW236PEB3.9, TW236PEB3.9-G, TW242PEB4.3, TW242PEB4.3-G, TW250B4.5 and TW260B4.5.

2. Identification of the instructions for use

Instructions for use **TW LED -2B**

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3. Technical data

| | |
|-----------------------|------------------|
| IP class | IP67 |
| Power supply | 230 V |
| Energy consumption | 212 W |
| Average service life* | approx. 50,000 h |
| Ambient temperature | -10° C to +45° C |
| Width x height | 15 x 9 mm |

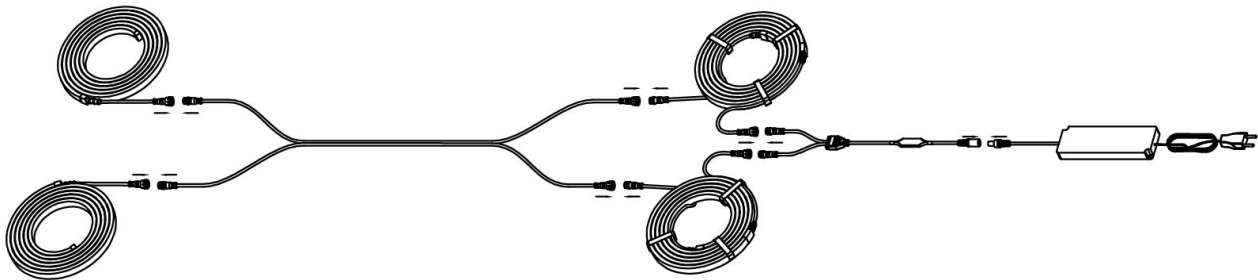
*When installed correctly with product-compliant thermal management.

4. Photometric data

| | |
|--------------------|---|
| LED type | RGBW |
| Luminous flux | red 100 lumens per m green 280 lumens per m blue 60 lumens per m white 790 lumens per m R+G+B+W 1230 lumens per metre |
| Wavelength | red 620 nm green 525 nm blue 470 nm |
| Colour temperature | white 6000 K |
| Beam angle | 180° |

5. Scope of delivery

- 4x RGBW LED strip lights, 370 cm
- 1x transformer
- 1x cable set with connectors
- 1x remote control, magnetic mounting
- 1x fixing material for cable laying



6. Installation

Inspect the outer packaging for external damage or signs of improper handling during transport. Open the packaging carefully and check the contents for completeness. Ensure that all components listed in the scope of delivery are present (see **Scope of delivery**).

IMPORTANT!

Only connect the LED strip lights, the controller and the power supply unit when the device is switched off. The device may only be switched on when all accessories are fully connected.

1. Positioning the LED light

- Start with the LED light strips that only have a connection cable.
- Place the light strips on the outer edge of the column to achieve optimal light output.
- Two light strips are attached to each column.

2. Installing the controller and transformer

- To do this, dismantle the column guard and remove the two spring hooks at the top of the column.
- Remove the cable covers. The access to the control box is located there.
- Connect the two light strips to the controller. These are fed into the column from above.
Note: Please note that the plugs have a recess that indicates the correct positioning of the plugs.
- Place the controller magnetically on the inside of the column and connect it to the transformer.

3. Installing the cables in the crossbeam

Note: When connecting the cable via the crossbeams, make sure that the plugs are placed with the socket on the side of the column with the control unit.

- Lay the cable over the crossbeam. Always make sure that the cables and the steel cables of the lift do not touch.
- Now connect the cables of the light strips to the first column using the adhesive pads and cable ties.
- Connect the cable to the controller. Again, secure the cables with cable ties.
- Now route the cable to the second side of the column.
- Again, fix the cable ends with the adhesive pads and cable ties on the top of the column.
- Connect these cables as well.
- Now secure the cable in the crossbeam with cable ties.

4. Installing the light bands

- Connect the TWLED-2B to a standard socket or directly in the control box of the lift.
- To do this, feed the cable through the previously exposed opening in the inside of the column. Please refer to the circuit diagram of the lift for the exact connection.
- Mount the column protection.

7. Controlling the remote control

7.1 Connection of remote control and controller

1. Connection of the LED strip lights

- Connect the LED strip lights, the controller and the power supply unit. This should be done with the power switched off to ensure safe installation.

2. Switch on the device

- Only switch on the appliance after all accessories have been fully connected.

3. Pairing success

- Within 5 seconds of switching on the device, press and hold these two buttons simultaneously.



4. Pairing success

- If the LED bar flashes white, this indicates that pairing has been successfully completed.

7.2 Operating the light colour

The upper buttons are used to control the RGB lighting, in which white light (W) is generated by mixing red (R), green (G) and blue (B).

The buttons on the white background in the centre area are intended for controlling the 6000 K white light.

You can use the buttons at the bottom to set the mode for the light change.



Notes on simultaneous use:

After switching on the RGB light, you can also activate the 6000 K white light.

Please note, however, that as soon as the 6000 K white light is switched on, it is no longer possible to control the RGB colour.

If you want to change the RGB colour, first switch off the 6000 K white light and then carry out the desired RGB colour change.



You can find more products at:

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The technical specifications and illustrations provided in the user manual are not binding. Our products are subject to technical changes, so the delivered condition may vary.