



**LED-LIGHTING**  
**TWLED-2 (LED-KIT)**  
for 2-post lifts

# **TWLED-2**

## **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**



You can find the assembly video for this lift on YouTube:  
[www.youtube.com/watch?v=qRld6iEa1m8&t](https://www.youtube.com/watch?v=qRld6iEa1m8&t)  
or scan the QR code.



**PRODUCT PRESENTATION**



You can find the product presentation video for this lift on YouTube:  
[www.youtube.com/watch?v=4pMCPb\\_VcGI&t](https://www.youtube.com/watch?v=4pMCPb_VcGI&t)  
or scan the QR code.



**1. General information**

The TWLED-2 is designed for 2-post lifts. A set includes 4 flexible and magnetic LED strip lights with RGBW diodes (red, green, blue, white), a transformer, power and connection cables, a remote control as well as mounting and installation materials. The LEDs enable a variety of colour mixes and brightness for pleasant light.

The LED strips are simply attached to the magnetic backs of each lifting column - without any drilling or screws.

Suitable for the following models, can also be retrofitted at any time: TW242M, TW242M-G, TW242M-FZ, TW242A, TW242A-G, TW242A-FZ, TW242E, TW236M, TW236PE, TW242PE, TW250, TW260

**2. Identification of the instructions for use**

Instructions for use **TW LED -2**

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Status: -01, 15.04.2024

File: TWLED\_2\_LED\_KIT\_Manual\_uk\_01\_20240415.pdf

**3. Technical data**

IP class	IP67
Power supply	230 V
Energy consumption	133 W
Average service life*	approx. 50,000 h
Ambient temperature	-10° C to +45° C
Width x height	15 x 9 mm

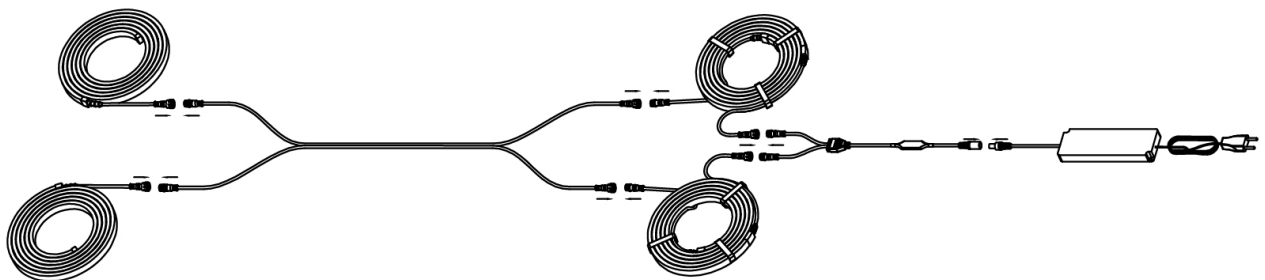
\*When installed correctly with product-compliant thermal management.

#### 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

- 2x LED strip lights with one connection cable each
- 2x LED strip lights with two connection cables each
- 1x transformer
- 1x connection cable with control unit
- Connection cable between the columns
- 2x 2.9 m black connection cable
- 4x black adhesive bases
- 15x black cable ties
- Magnetic remote control



## 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 5. **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. Remove the ramp plate

- Remove the drive-over plate before laying the cables.

#### 2. Place LED strip lights

- Start with the LED strip lights that only have one connection cable.
- These are specially designed for the assistance side of the lift.
- Place the magnetic light strips on the assistance pillar.

#### 3. Cable routing via the steel cable

- Guide the cable at the lower end over the steel cable of the lifting platform.
- Place an adhesive holder at the marked position.
- Ensure exact positioning to avoid cable clamps when setting down the platform.
- Secure the cable with a cable tie.
- Remove any protruding cable ties with a side cutter.

#### 4. Loop formation on the pillar guard

- Use a cable tie to form a loop on the retaining plate for the pillar guard.
- Ensure that the cable forms a loop over the steel cable.
- Repeat the process on the other side.
- Ensure that the cables are securely routed over the steel cable and away from pressure points.

#### 5. Installation of the light strips for the main column

- Continue with the two light strips for the main column.
- These have two cable ends, make sure they are aligned correctly.

#### 6. Connection of the lighting sides

- Connect the lighting sides with the extension cables supplied.
- Plug in the cables and screw them together by hand.
- Secure the cables with cable ties to prevent looping or crushing.

### 7. Reinserting the drive-over plate

- Replace the drive-over plate.

### 8. Guiding the upper connections through the column

- Guide the upper connections of the light strips on the main side through the left-hand hole in the pillar.
- Fix the cables to the top of the column with an adhesive holder
- Loosen the cable protection inside the column.
- Connect the plug of the strip lights to the cable with the control unit.
- Guide the connection cable through the opening in the column to the motor unit.
- Replace the cable protection.

### 9. Positioning of the transformer:

- Position the magnetic transformer under the hydraulic oil box.
- Install the transformer with the light strips according to the instructions.
- Connect the TWLED-2 to the electrical circuit or to the lifting platform. (Electrical installations may only be carried out by a qualified electrician– the EU plug will need to be replaced with a UK plug)
- The transformer can be placed under the cover on lifts with a motorised cover.

## 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:*

***[twinbusch.co.uk](http://twinbusch.co.uk)***

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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.