

Synergy 21 LED Track-Series

VLG-Series 35–50 W, 90°, CCT, CRI >80, White/Black

Instructions

Art. 249052/249050

1. General information

This manual contains important information for the safe installation, commissioning, and use of the LED track lights.

Please read it carefully before using the product.

Installation must only be performed by qualified personnel.

The product complies with the relevant EU directives:

- Low Voltage Directive (2014/35/EU)
- EMC Directive (2014/30/EU)
- Ecodesign Regulation (EU) 2019/2020
- RoHS Directive (2011/65/EU)

2. Technical data

- **Series:** Synergy 21 – VLG Track
- **Wattage:** 35–50 W (adjustable)
- **Beam angle:** 90°
- **CCT (Correlated Color Temperature):** Adjustable, depending on the model (e.g., 3000 K / 4000 K / 5000 K)
- **Color Rendering Index (CRI):** > 80
- **Color:** White
- **Power supply:** 220–240 V AC, 50/60 Hz
- **Operating temperature:** –20 °C to +40 °C
- **Protection class:** IP20 (indoor use only)
- **Service life:** approx. 50,000 hours

3. Safety instructions

- Installation by qualified electricians only..
- **Disconnect the power supply** before installation.
- Do not use in damp or potentially explosive areas.
- Operate only with compatible **power tracks**.
- Do not perform unauthorized modifications or repairs.
- Do not allow the luminaire to come into contact with covers or insulating materials.
- The device is not suitable for outdoor use.

4. Assembly and installation

1. **Disconnect the electrical circuit**
2. Insert the luminaire with the adapter into the designated **VLG track**.
3. Durch Drehen des Verriegelungsmechanismus fixieren.
4. Elektrische Verbindung erfolgt automatisch beim Einrasten.
5. Strom einschalten und Funktion prüfen.

5. Operation

- The LED track light is ready for use immediately after switching on.
- CCT selection (depending on the model) is made via a switch or DIP switch on the light.
- Do not cover the housing during operation.

6. Maintenance and care

- Clean only with a dry, soft cloth.
- Do not use chemical cleaning agents.
- In case of defects, have the product replaced by a qualified technician.
- LED modules or drivers cannot be replaced by end users – replacement only by the manufacturer or service partner.

7. Disposal

- This product must not be disposed of with **household waste**.
- Dispose of in accordance with the **WEEE Directive (2012/19/EU)**.
- Please dispose of it at an official collection point for electrical and electronic equipment.

8. Manufacturer information

SYNERGY 21

A Brand of ALLNET GmbH

Maistraße 2 - 82110, Germering, Germany

synergy21@allnet.de Tel.: 089 / 894 222 22

9. Declaration of Conformity

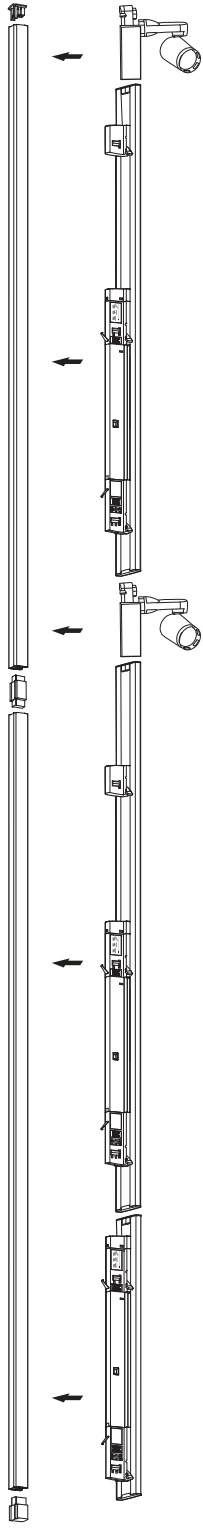
The luminaire meets the requirements of the relevant EU directives.
A full declaration of conformity is available from the manufacturer upon request.



LED Linear Lighting System | T Line | K1

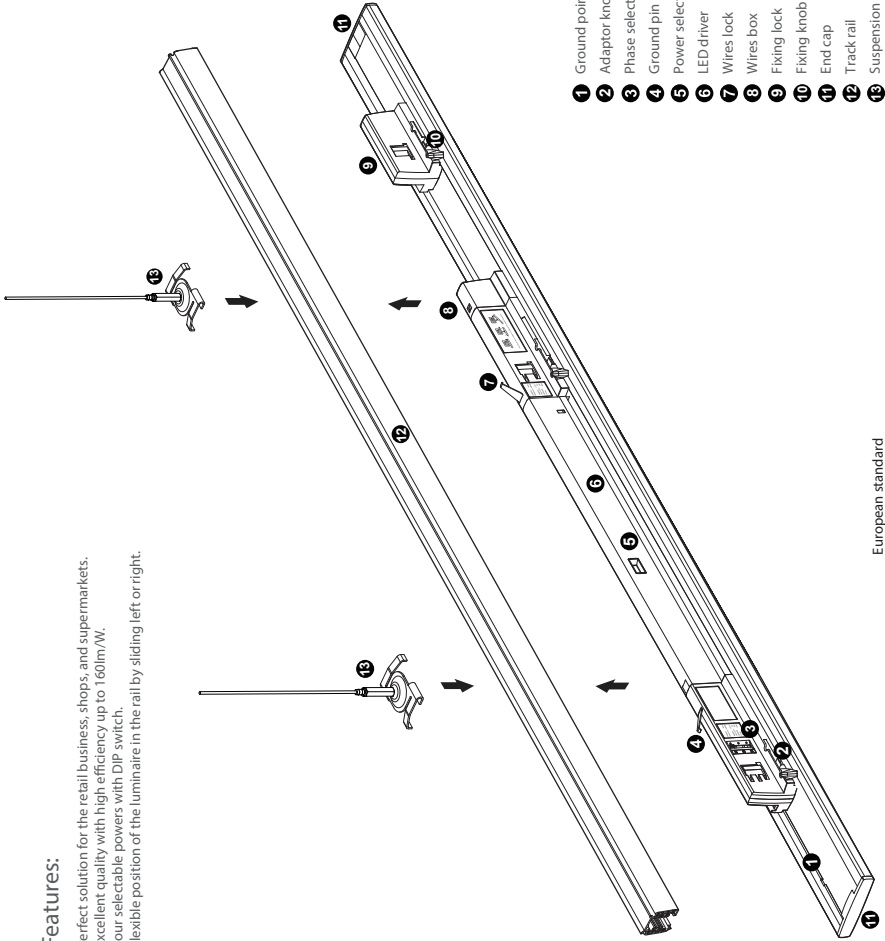
Safety notes:

Installation must be performed only by a qualified electrician.
Make sure that the fixture is disconnected from the AC supply.
This luminaire is to be installed in 3-wires/1-phases or 4-wires/3-phases or 0-wires/3-phases DALI track rails.



Features:

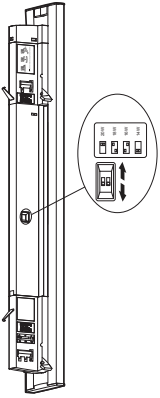
Perfect solution for the retail business, shops, and supermarkets.
Excellent quality with high efficiency up to 160lm/W.
Four selectable powers with DIP switch.
Flexible position of the luminaire in the rail by sliding left or right.



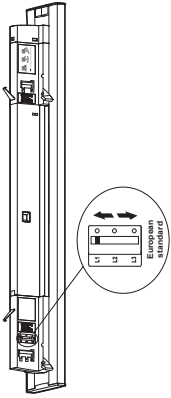
- 1 Ground point
- 2 Adaptor knob
- 3 Phase selector
- 4 Ground pin
- 5 Power selector
- 6 LED driver
- 7 Wires lock
- 8 Wires box
- 9 Fixing lock
- 10 Fixing knob
- 11 End cap
- 12 Track rail
- 13 Suspension kit

European standard

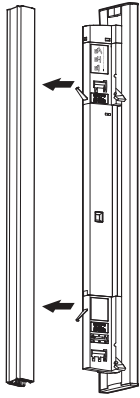
Step 1
Set the power in the **5** power selector DIP switch.



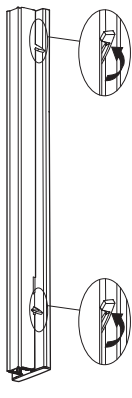
Step 2
Choose the phase/circuit in the **3** phase selector DIP switch.



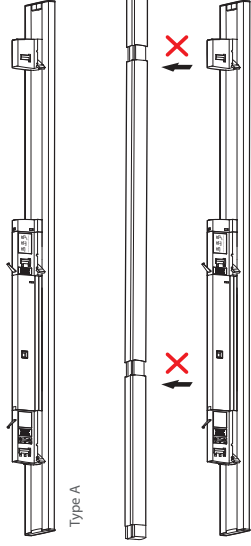
Step 3
Insert the T-line luminaire into the track rail with the correct direction.



Step 4
Lock the luminaire with the **2** adaptor knob and the **10** fixing knob by rotating the knobs clockwise.

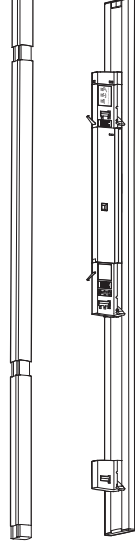


How to avoid the track rail joints during installation



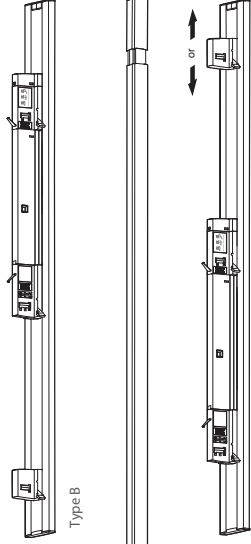
If the **12** track rail joint interferes with the position of the **9**-fixing lock, follow the instruction of **Step 3**

If the **12** track rail joint interferes with the position of the **6**-LED driver, follow the instructions from **Step 2** **Step 3**



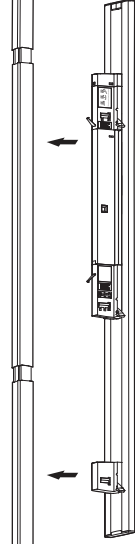
Step 2

If the **12** track rail joint interferes with the position of the **LED** driver of Type A, then use type B instead



Step 1

Slide the **9**-fixing lock left or right to a free position



Step 2

Install the T-line luminaire into the **Track rail**

Luminaire installation guidance



Step 1

Install luminaire into the track rail

Step 2

Pull down vertically from both sides of the fulcrum position

Step 3

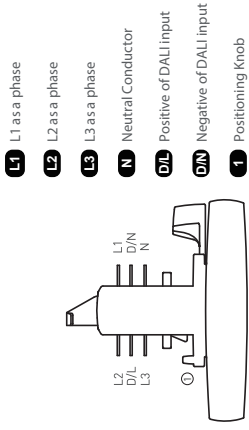
Rotate the luminaire to the left

Step 4

Rotate the luminaire to the right

Track rail

3-wires/1-phases
4-wires/3-phases
6-wires/3-phases



Recommend track rail brands

Pay attention to the positioning knob. No Reverse Mount!
Improper installation may cause irreparable damage.

