HR-SLIM

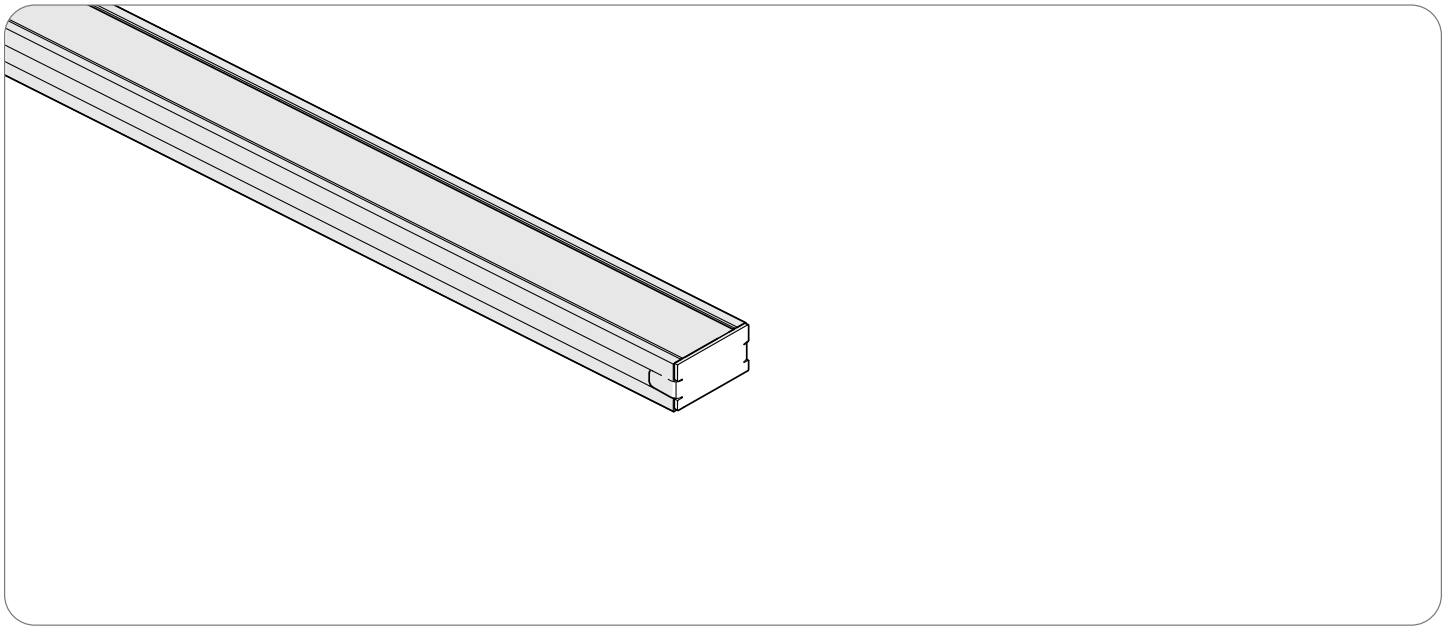
Installation and operating instructions This manual covers the installation of the HR-SLIM linear luminaire in a prepared gap between finishing tiles.

Linear LED luminaire

Recessed installation

CE • LVD • EMC • RoHS

24V DC



PACKAGE CONTENTS:

- Instructions.
- HR-SLIM luminaire (depending on configuration).
- Mounting components / mounting accessories (depending on configuration).

REQUIRED TOOLS:

- Adhesive and silicone applicator.
- Joint smoothing tool.
- Measuring tape.

SAFETY

- Disconnect the power supply before installation, cleaning and servicing.
- Installation and electrical connection must be carried out by suitably qualified personnel.
- Do not modify the luminaire. Use only compatible components.
- Do not use the product if it is damaged.

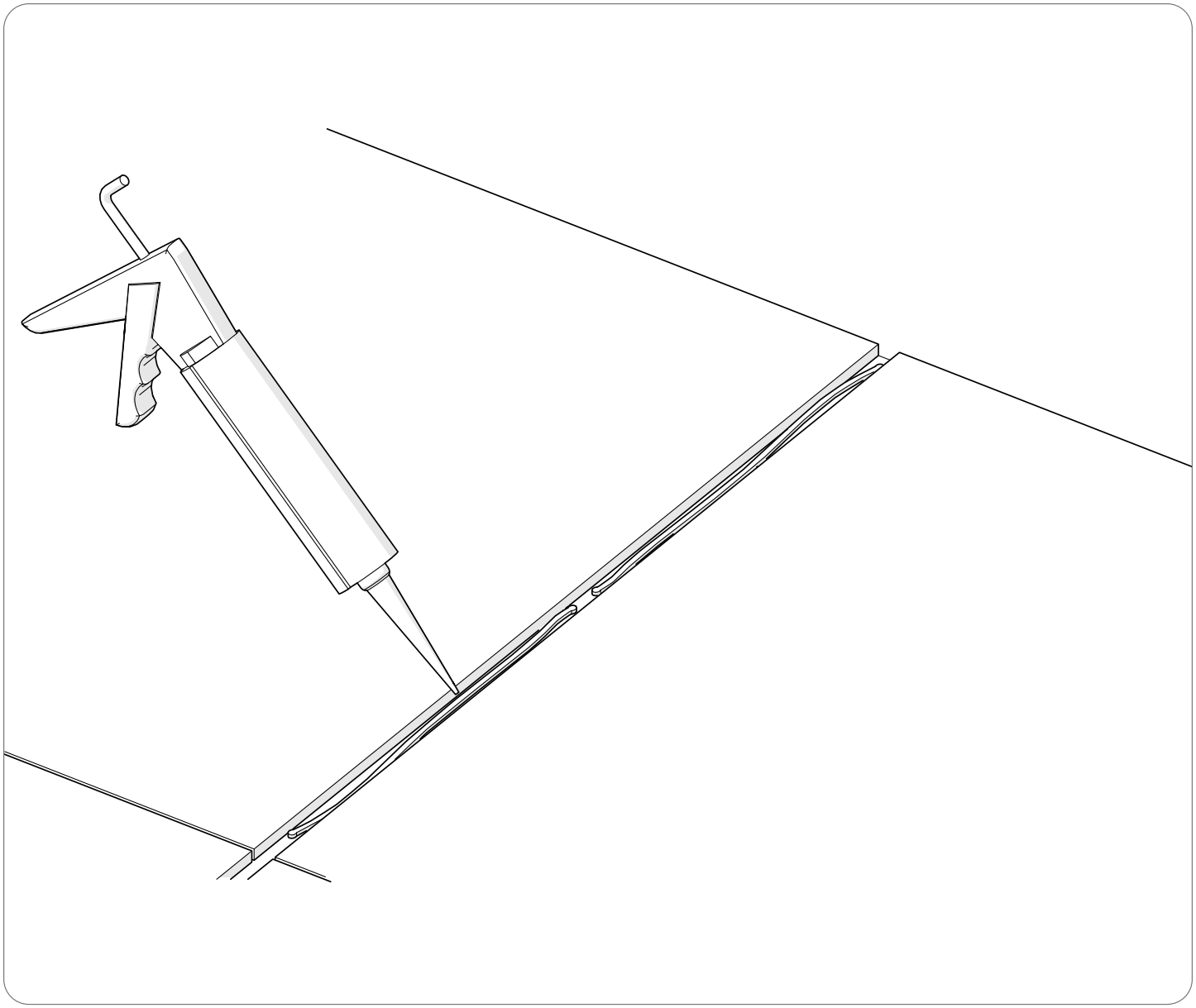
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Installing the HR-SLIM luminaire

- Prepare the installation gap and materials as shown in the drawings.
- Carry out the following steps along the entire length of the luminaire.

Step 1 - Apply adhesive in the gap between the tiles

- Clean and dry the prepared gap.
- Apply a continuous layer of mounting adhesive where the luminaire will be installed.
- Apply the adhesive evenly along the entire installation length.



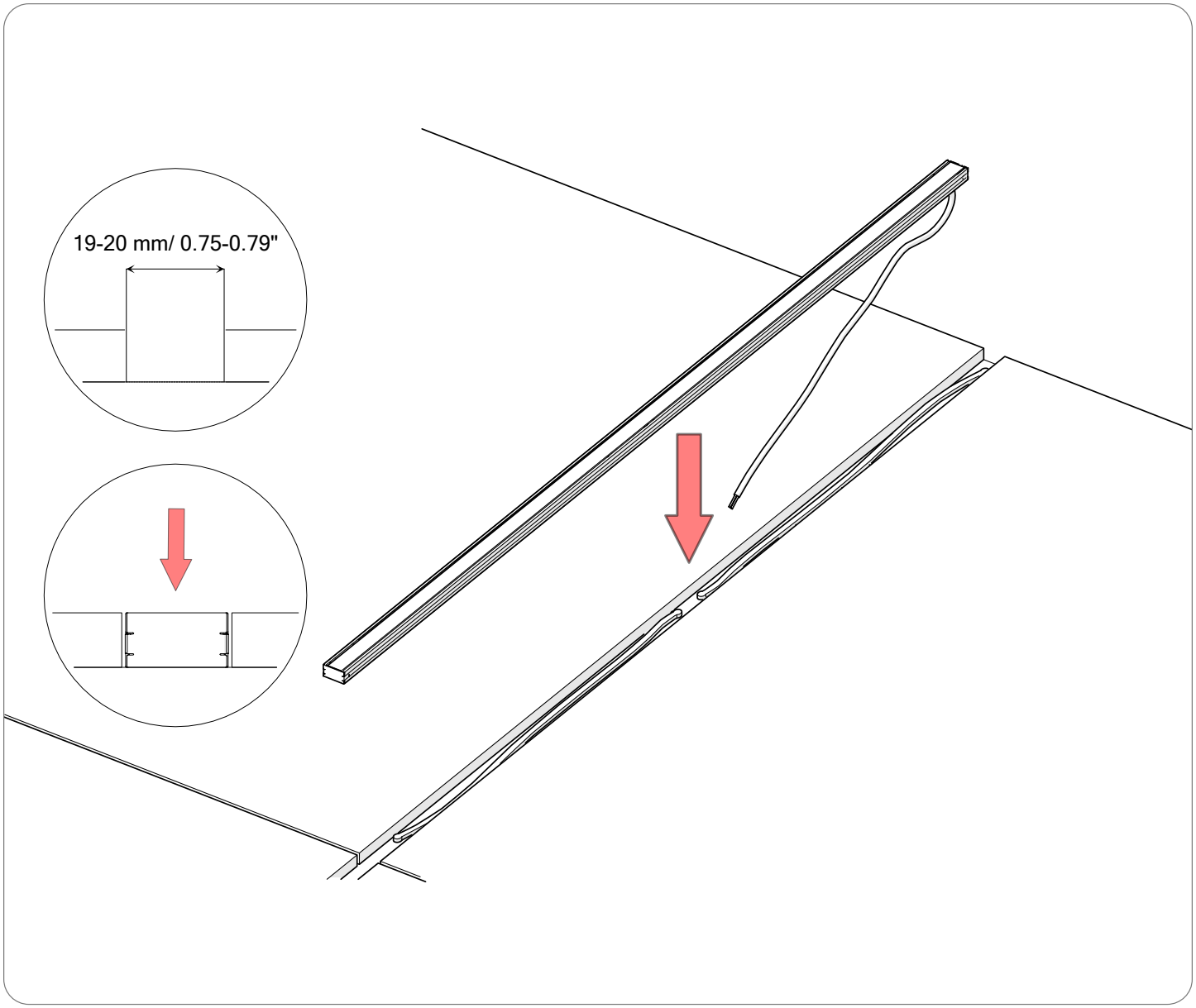
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Installing the HR-SLIM luminaire

- Before installing the luminaire, check the dimensions of the prepared gap and the position of the power cable.

Step 2 - Install the HR-SLIM luminaire

- Check that the gap is 19-20 mm / 0.75-0.79 in wide.
- Route the cable without sharp bends or tension.
- Insert the luminaire into the gap and press it evenly against the adhesive layer.



Note:

Gap width: 19-20 mm / 0.75-0.79 in

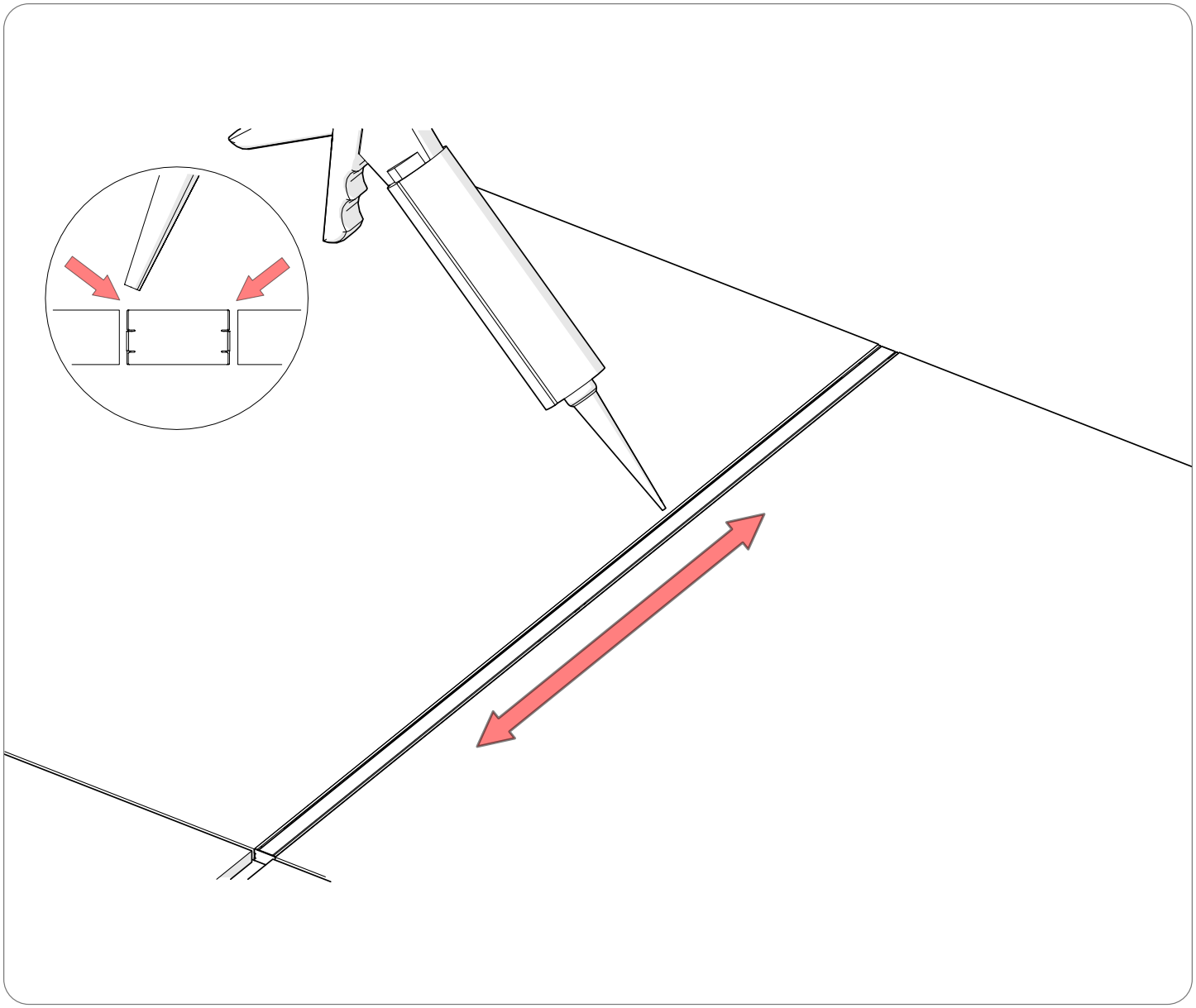
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Sealing the luminaire

- After installing the luminaire, seal the gaps between the luminaire and the adjacent tiles.

Step 3 - Apply silicone sealant along the luminaire edges

- Apply silicone sealant between the tiles and the HR-SLIM luminaire on both sides.
- Apply a continuous bead along the entire length of the luminaire.
- Do not contaminate the light-emitting surface.



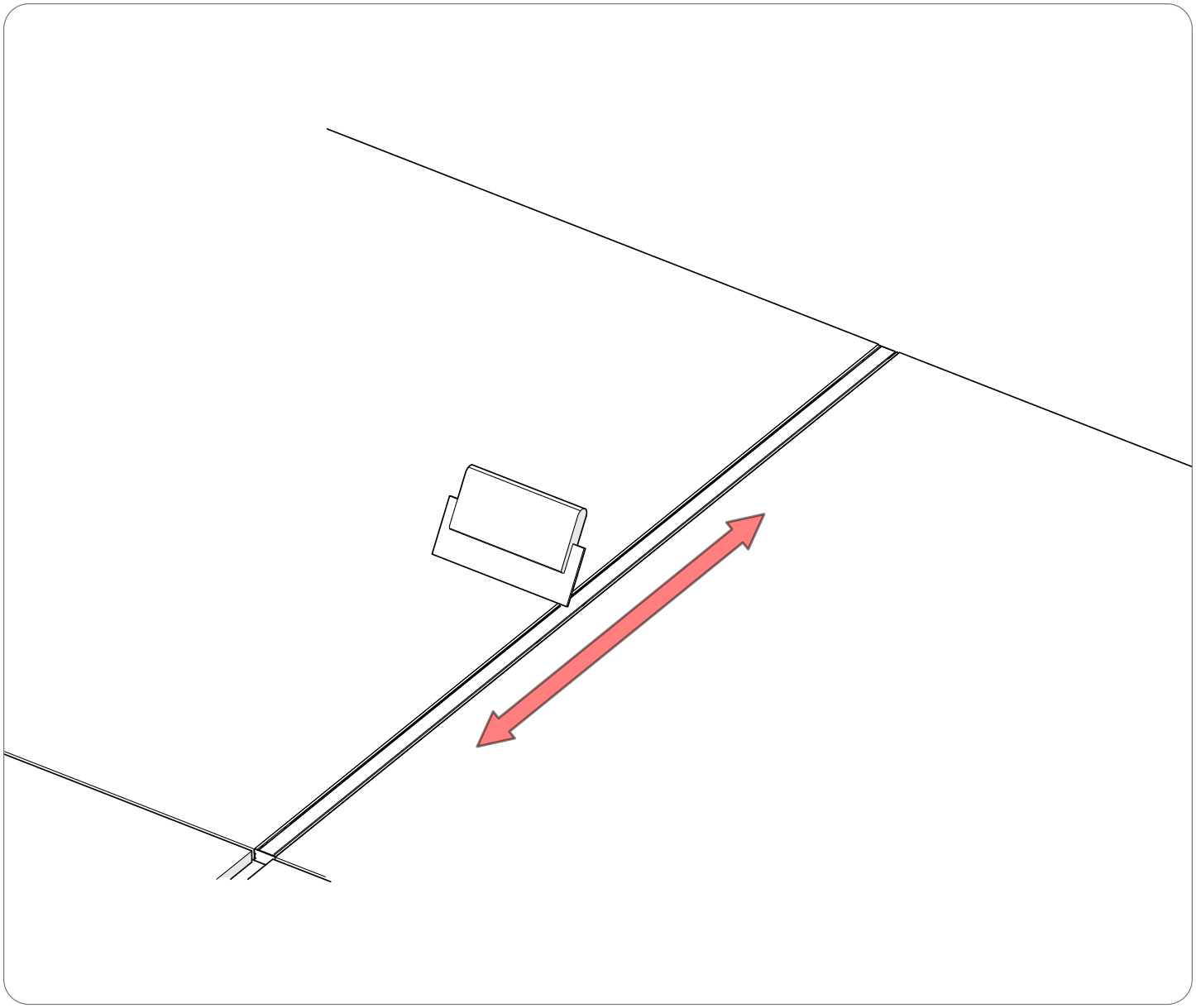
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Sealing the luminaire

- Finish the joint before the silicone cures, maintaining an even surface along the luminaire edges.

Step 4 - Smooth the silicone sealant

- Smooth the silicone sealant evenly along the luminaire edges.
- Remove excess material and ensure a continuous joint.
- Clean the tiles and luminaire surface before the material cures.



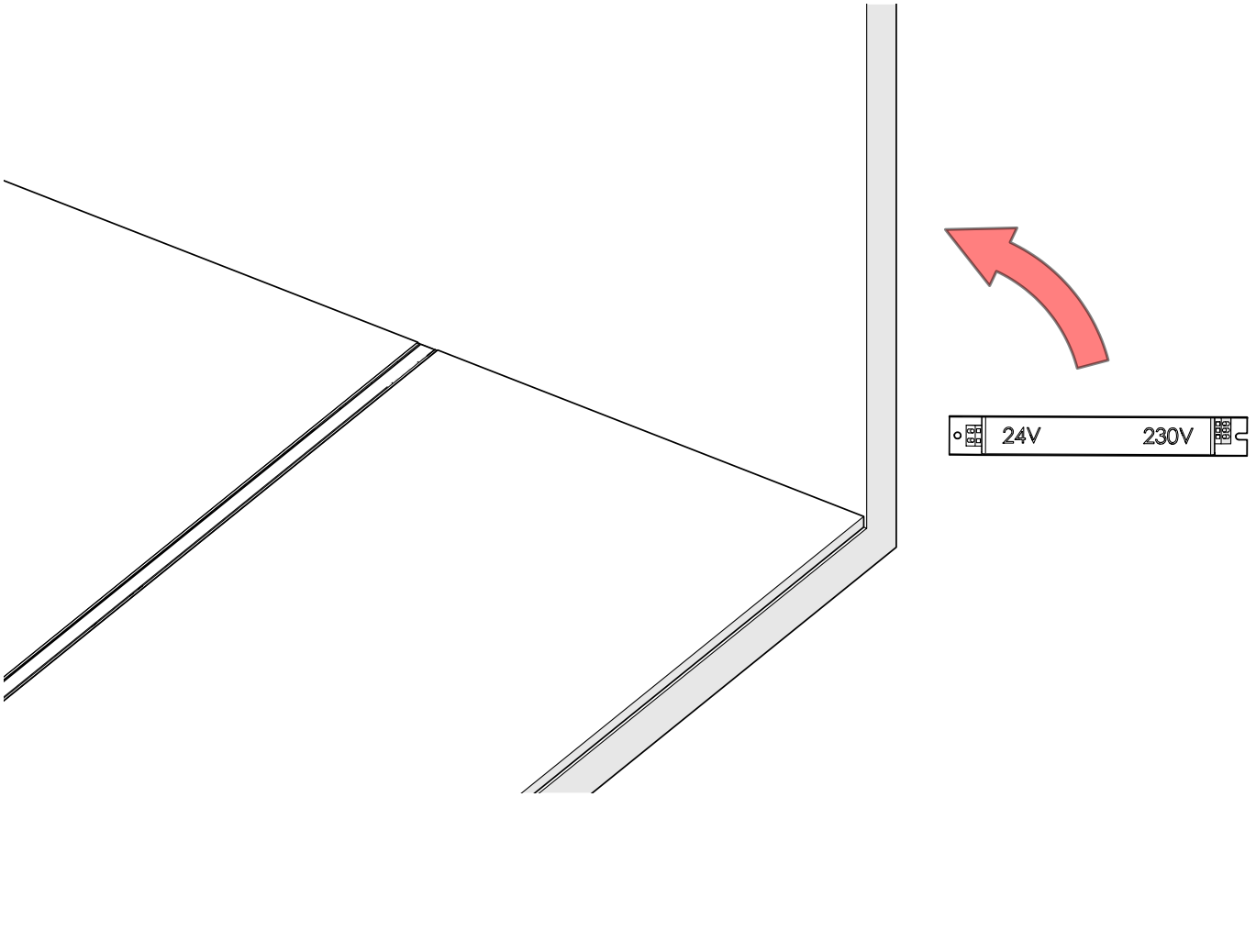
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Preparing the power supply

- Place the power supply in the prepared space so that it remains accessible for future servicing.

Step 5 - Place the power supply in the service space

- Place the 230 V AC / 24 V DC power supply in the prepared location.
- Ensure access for inspection and servicing.
- Route the cables without sharp bends, compression or tension.



Note: Ensure service access to the power supply.

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Electrical connection

- Luminaire supply voltage: 24 V DC. Make connections only when the power supply is disconnected from the mains.

RULES

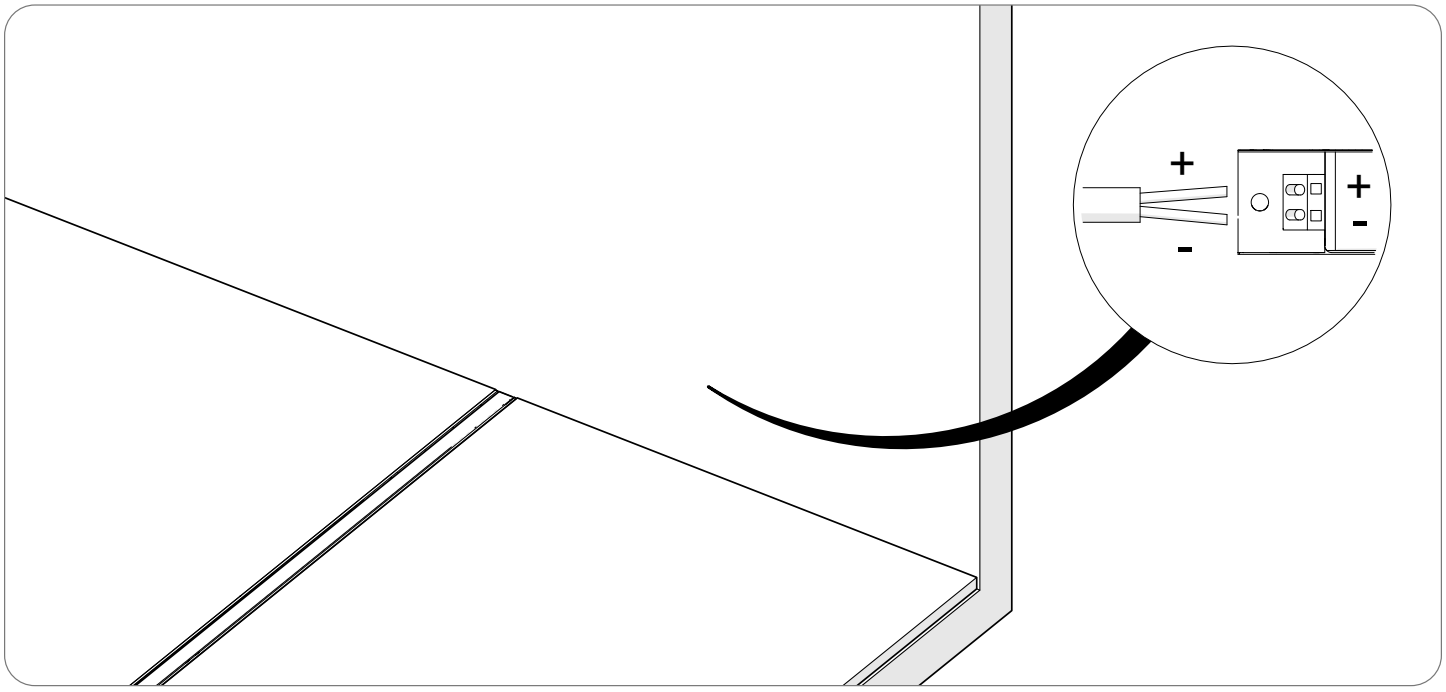
- Disconnect the 230 V AC supply before making connections.
- Observe the correct polarity on the 24 V DC side.
- Ensure service access to the power supply and connections.

WIRE MARKINGS

- \+ positive pole of the 24 V DC supply
- \- negative pole of the 24 V DC supply

Step 6 - Make the 24 V DC connection

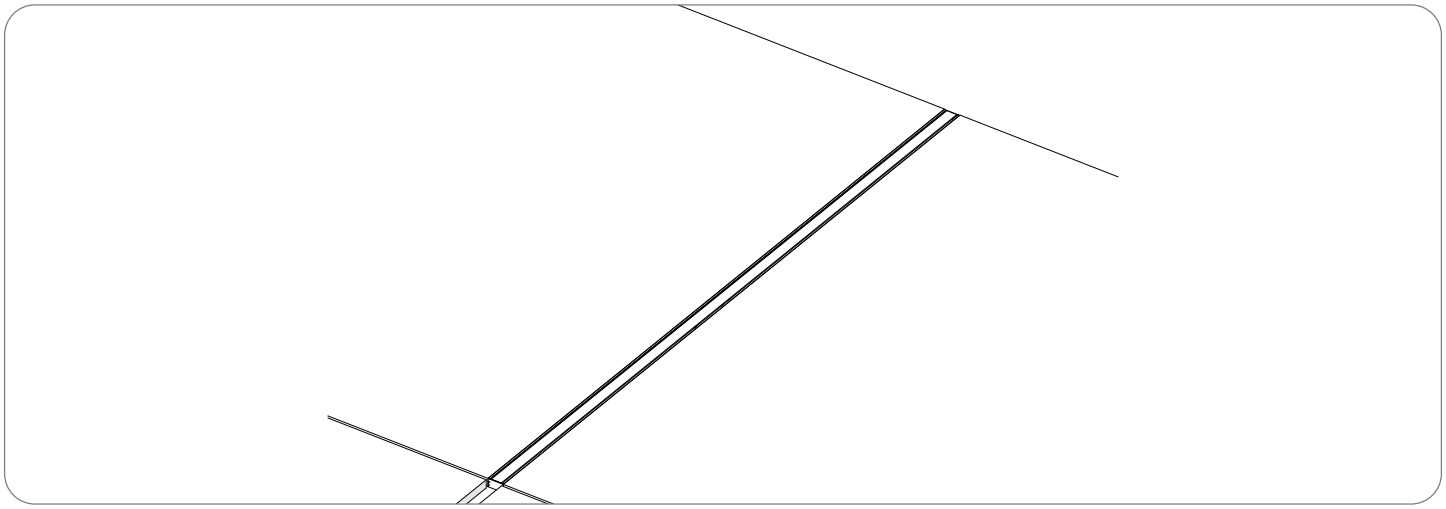
- Connect the luminaire wires to the power supply output, observing the + and - markings.
- Check that the connections are secure and protect the wires against being pulled out.
- Once connected, route the wires without tension.



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Final inspection, maintenance, disposal, removal

- After installation, check that the luminaire is securely fitted, inspect the joints, verify the power connection and perform a lighting test.



CLEANING:

- Clean with a dry or slightly damp cloth.
- Do not use abrasive cleaners or harsh chemicals.

DISPOSAL

- Do not dispose of with household waste.
- Take the product to an electrical and electronic equipment collection point.

COMPLIANCE

- The product meets the requirements of EU directives: PN-EN 60598-1

*** LUMINAIRE REMOVAL**

Remove the luminaire in the reverse order of installation.

Carry out all operations with the power supply disconnected.

- Disconnect the 230 V AC supply at the power supply unit and the 24 V DC circuit.
- Remove the silicone and mounting material along the luminaire edges.
- Disconnect the wires, then carefully remove the luminaire from the gap.
- Secure the installation wires after removal.

These instructions do not show every possible installation method. Additional accessories and electronic components related to the product are available at www.KlusDesign.pl.

The drawings of profiles and accessories in these instructions are simplified and only approximate their actual shapes.

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