OKI-LEVEL

Installation and Operating Instructions

Table of Contents

General information	2
Identification of fixture components	3
Installation and connection of the ceiling body	4-6
Installation of ceiling suspensions	7-9
Preparation of modules and cables	10
Installation of linear modules	11-13
Adjustment and inspection of the fixture	14-15
Maintenance, disposal, EU compliance and disassembly	16

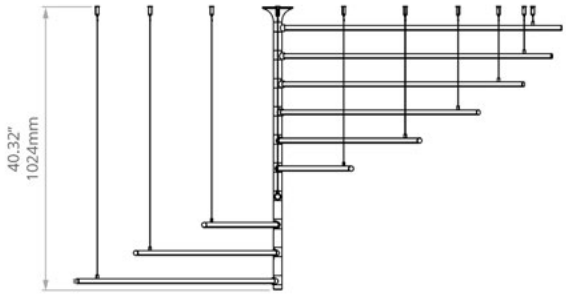
Ready-made fixture

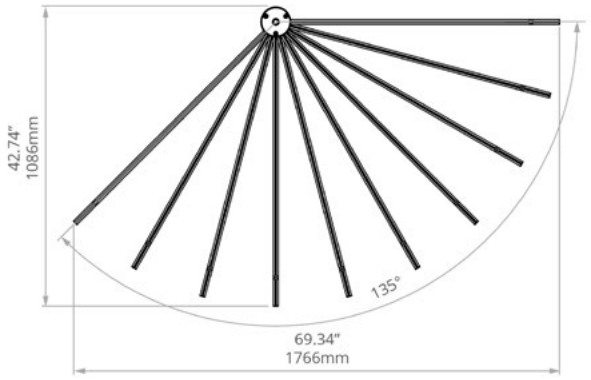
Suspended mounting

CE • LVD • EMC • RoHS

24 V DC

DIMENSIONS:

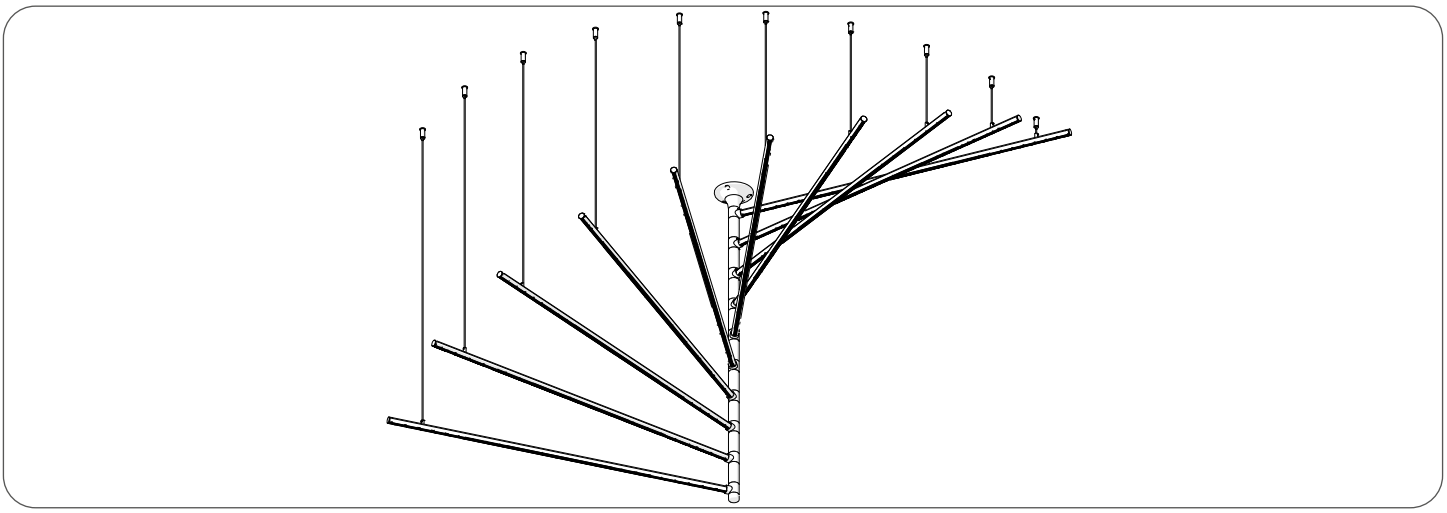




KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

OKI-LEVEL

OKI-LEVEL is a modular lighting fixture designed for suspended installation.
The manual describes the preparation of a single power supply point, installation of suspensions, connection of linear modules, and adjustment of the completed system.



THE SET INCLUDES:

- OKI-LEVEL fixture (ready-made)
- Suspension elements / mounting accessories (according to configuration)
- Manual

SET DOES NOT INCLUDE

- Screws and wall plugs selected for the substrate (not always included)
- Control elements (if present in the fixture version)

REQUIRED TOOLS

- drill,
- spirit level,
- screwdriver

SAFETY

- Disconnect the power supply before installation, cleaning, and servicing.
- Installation and connection should be performed by qualified personnel.
- Do not modify the fixture. Use only compatible elements.
- Do not use the product if it is damaged.

KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

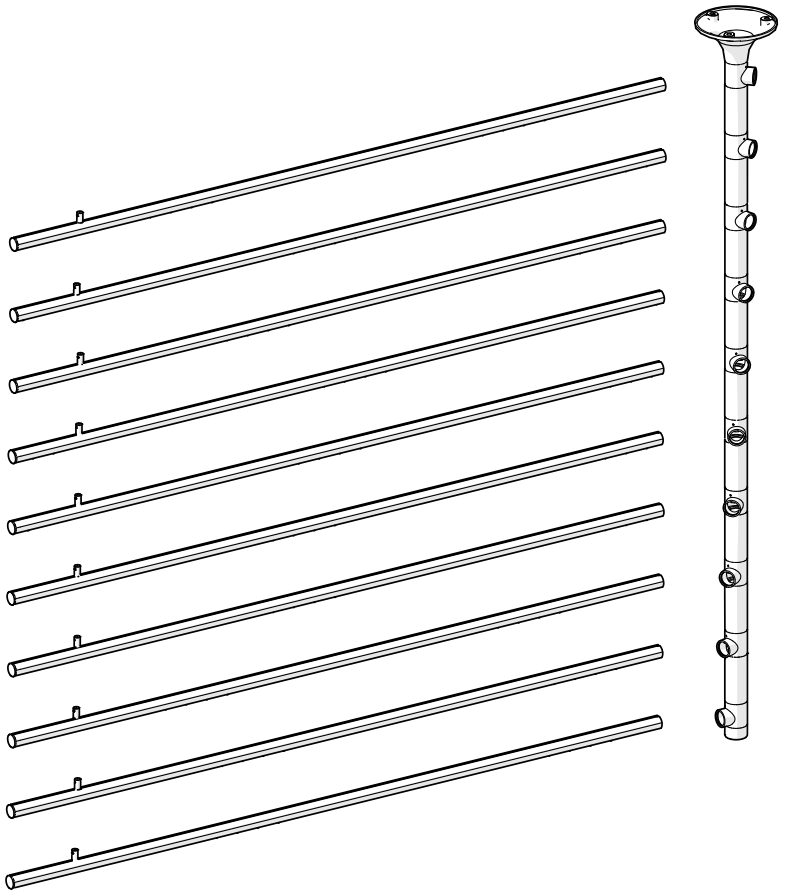
OKI-LEVEL

Identification of fixture components

- Before starting work, lay out, identify, and organize all components of the set.

Step 1 - Lay out and inspect components

- Lay out all parts on a clean, flat surface.
- Arrange the linear modules in order of their installation.
- Identify the ceiling body, profiles, cables, mountings, covers, and connecting elements.
- Compare the quantity, length, and shape of the parts with the drawing and configuration of the ordered fixture.
- Check if any elements are damaged, deformed, or incomplete.



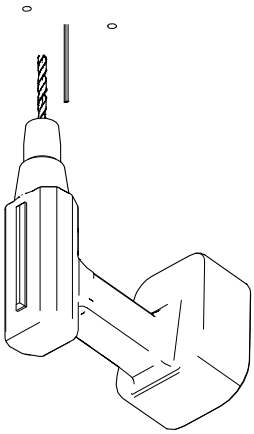
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation and connection of the ceiling body

- Prepare the body mounting location and power supply cables according to the fixture layout.

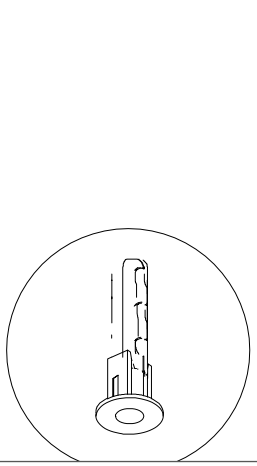
Step 1 - Determine and drill holes

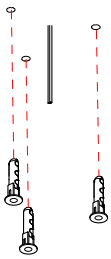
- Disconnect the power supply and protect installation cables against damage.
- Determine the location of the ceiling body according to the design or mounting template.
- Check the position and axis of the body as well as the cable output location from the ceiling.
- Drill holes with a drill bit appropriate for the substrate type.
- Before drilling, make sure no hidden utilities run through the hole locations.



Step 2 - Insert wall plugs

- Clean the drilled holes of dust and loose material.
- Insert wall plugs into all prepared holes.
- Seat the plugs flush with the ceiling surface without damaging them.
- Check that the plugs are stable and do not rotate in the holes.
- In case of non-standard substrates, use a dedicated mounting system with adequate load capacity.





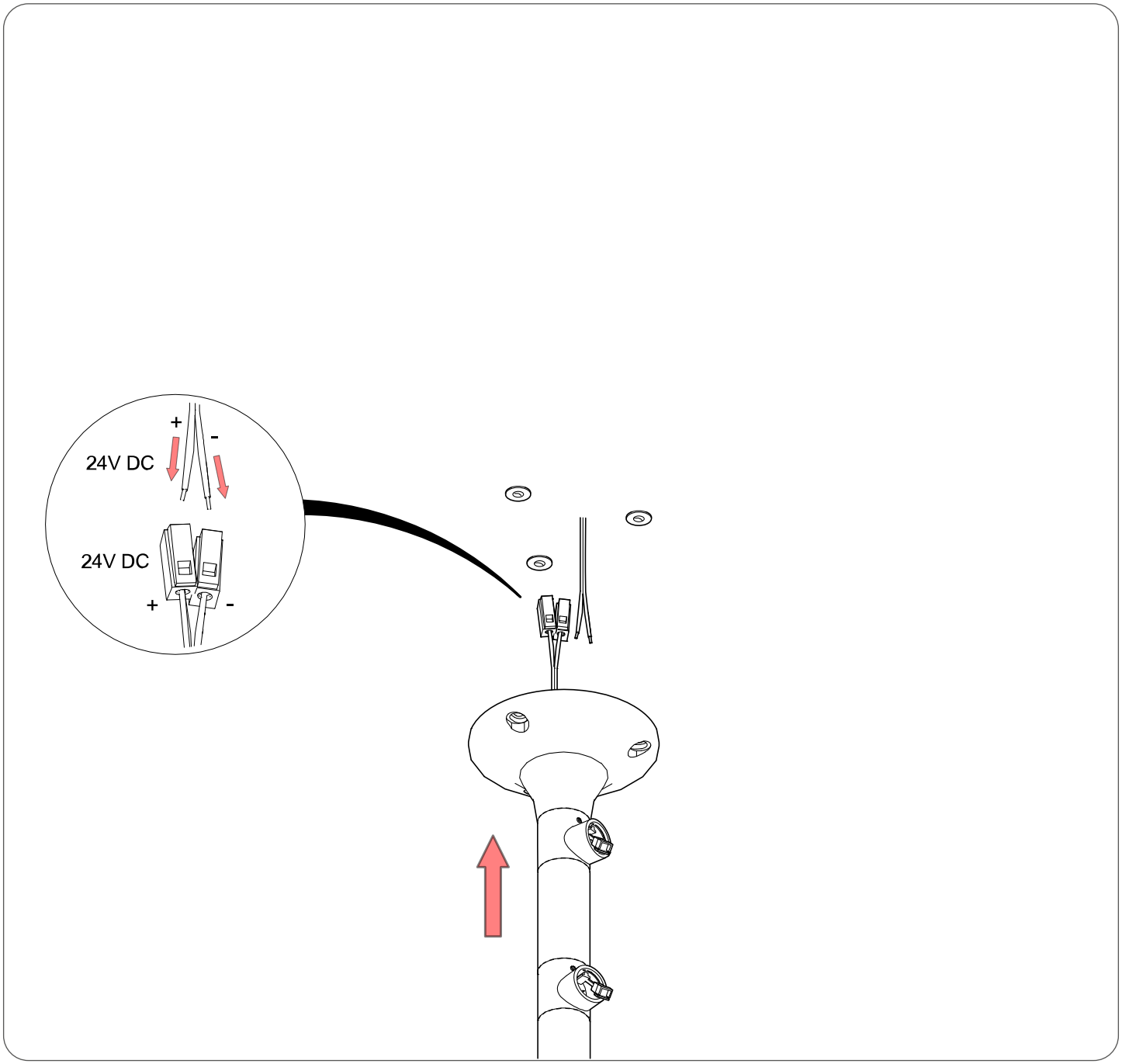
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation and connection of the ceiling body

- Perform electrical connection strictly with the power supply disconnected.

Step 3 - Connect power supply cables

- Confirm the absence of voltage in the cables intended for connecting the fixture.
- Identify the positive (+) and negative (-) wires of the 24V DC system.
- Connect the wires to the appropriately marked terminals on the body.
- Maintain correct polarity during connection.
- Check the security of connections, lack of exposed conductors, and leave a small amount of slack without strain.



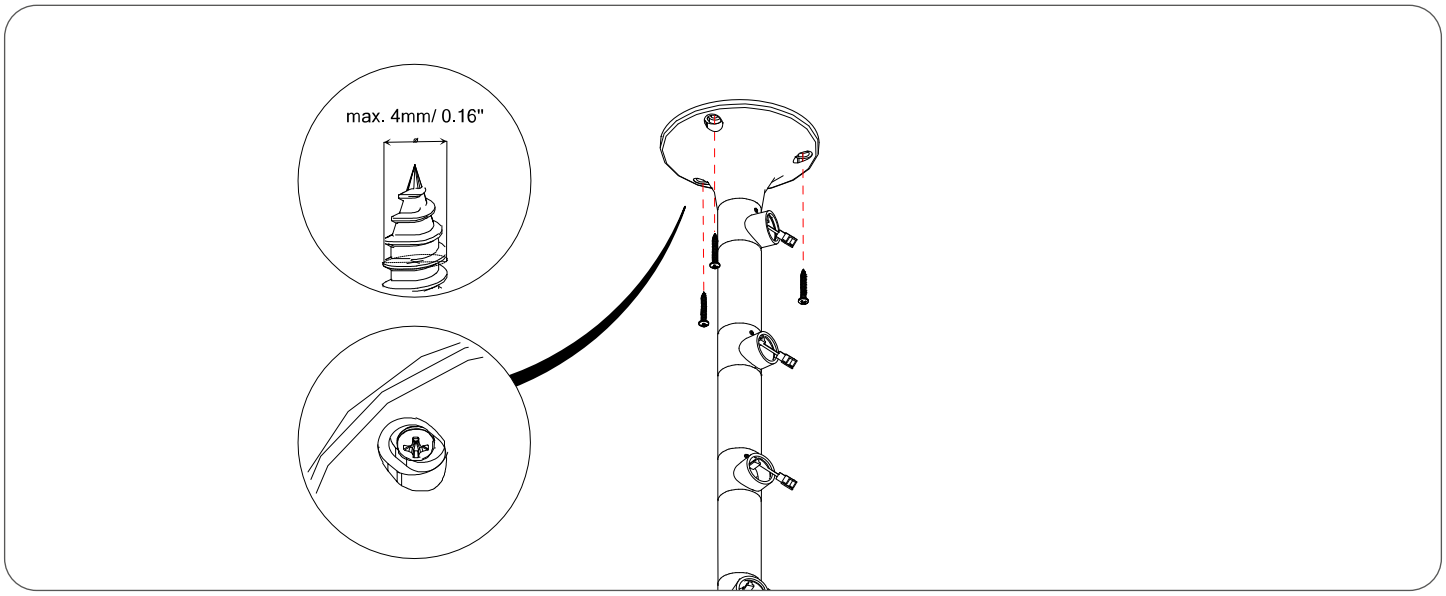
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation and connection of the ceiling body

- Fasten the body, arrange the wires inside the base, and close the mounting holes.

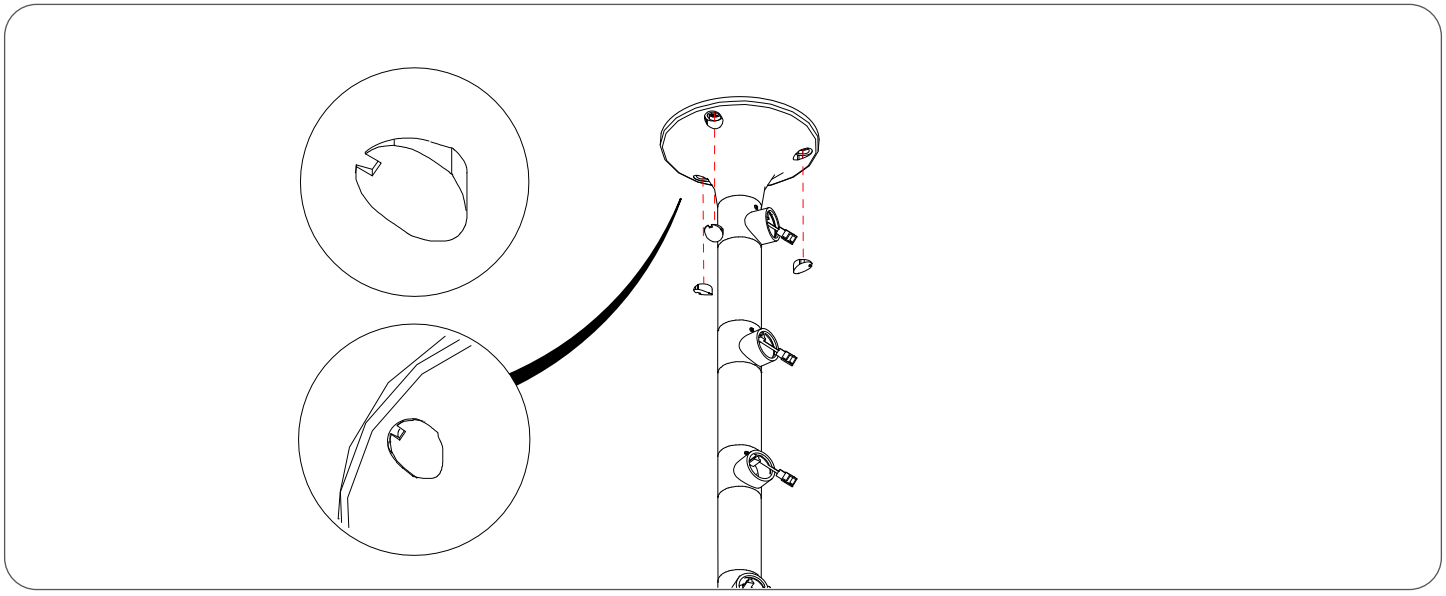
Step 4 - Screw the body to the ceiling

- Position the body over the prepared holes and carefully arrange the cables inside the base.
- Make sure the cables are not bent or pinched between the body and the ceiling.
- Screw the base down evenly using screws with a maximum diameter of 4 mm.
- After screwing down the body, check the stability of its mounting.



Step 5 - Install hole plugs

- Insert hole plugs into the openings located over the screw heads.
- Press the plugs down to even seating and check that they are securely fastened.



KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

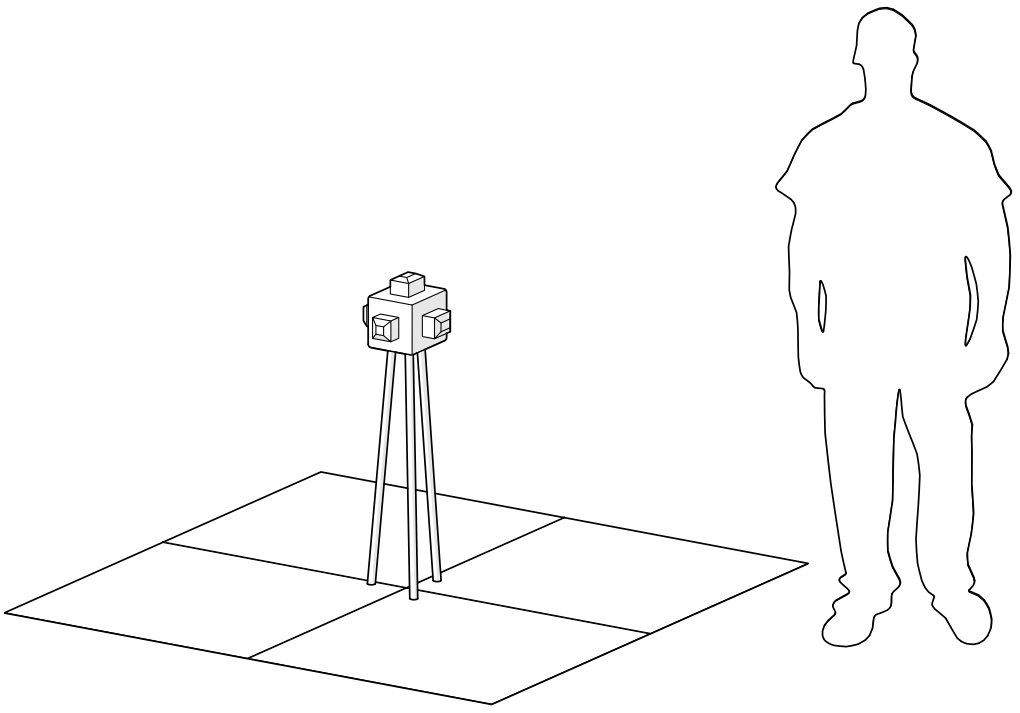
OKI-LEVEL

Installation of ceiling suspensions

- Determine the fixture geometry before drilling holes for cable mountings.

Step 1 - Determine the suspension point layout

- Set up the laser or template according to the target position of the linear modules.
- Mark the column axis and the route of each module on the ceiling.
- Transfer suspension points to the ceiling so that they are located vertically above the mountings in the profiles.
- Check distances from walls, obstacles, and other utilities.
- Re-verify spacing, geometry, and overall layout alignment before drilling.



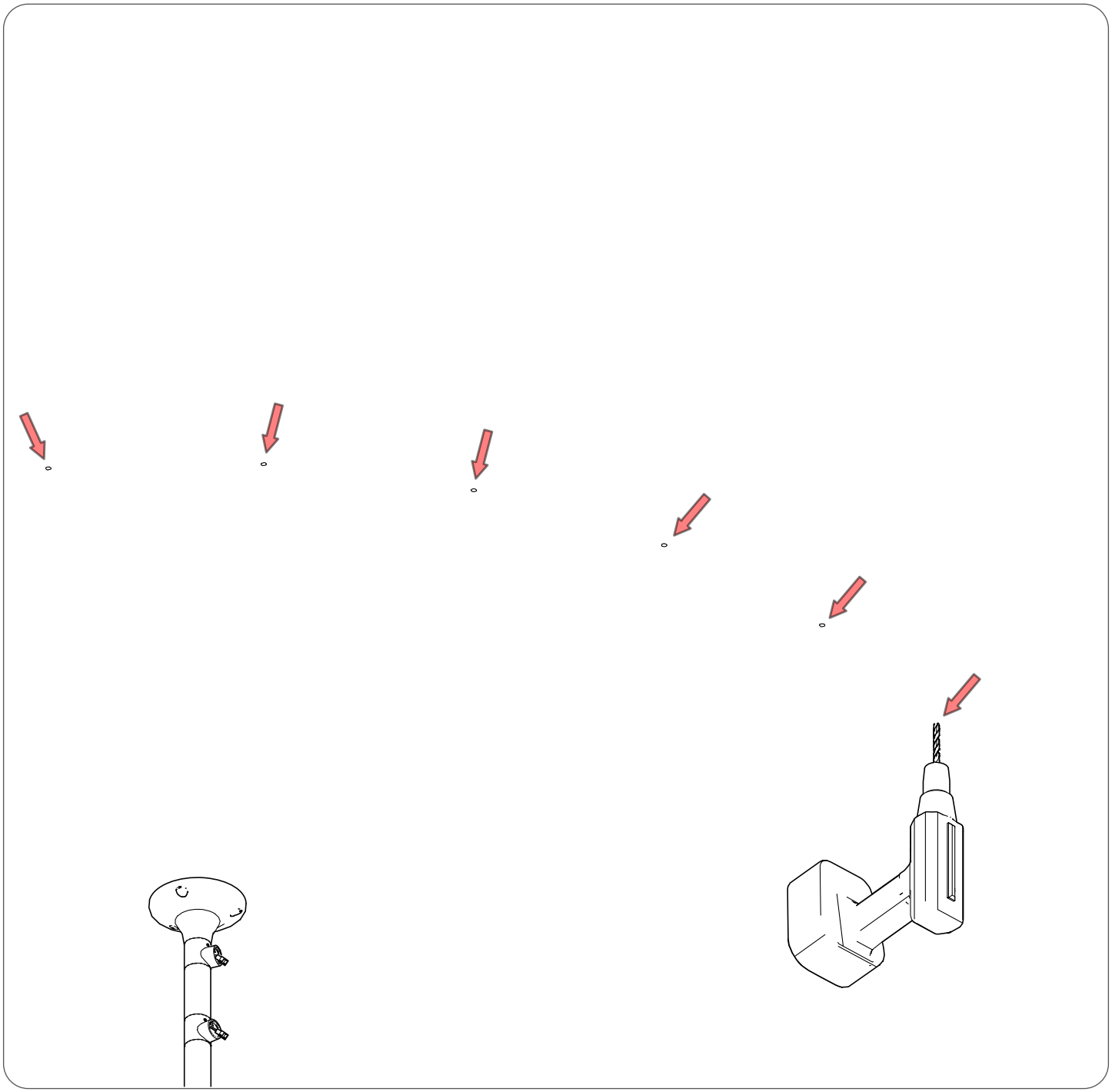
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation of ceiling suspensions

- Drill holes at all previously determined suspension points.

Step 2 - Drill holes for mountings

- Check the position of all marked points before drilling.
- Drill holes with a drill bit matched to the ceiling type and plugs used.
- Guide the drill bit perpendicular to the ceiling surface.
- Be careful not to damage cables or other hidden utilities.
- After drilling, clean the holes of dust and prepare them for seating mountings.



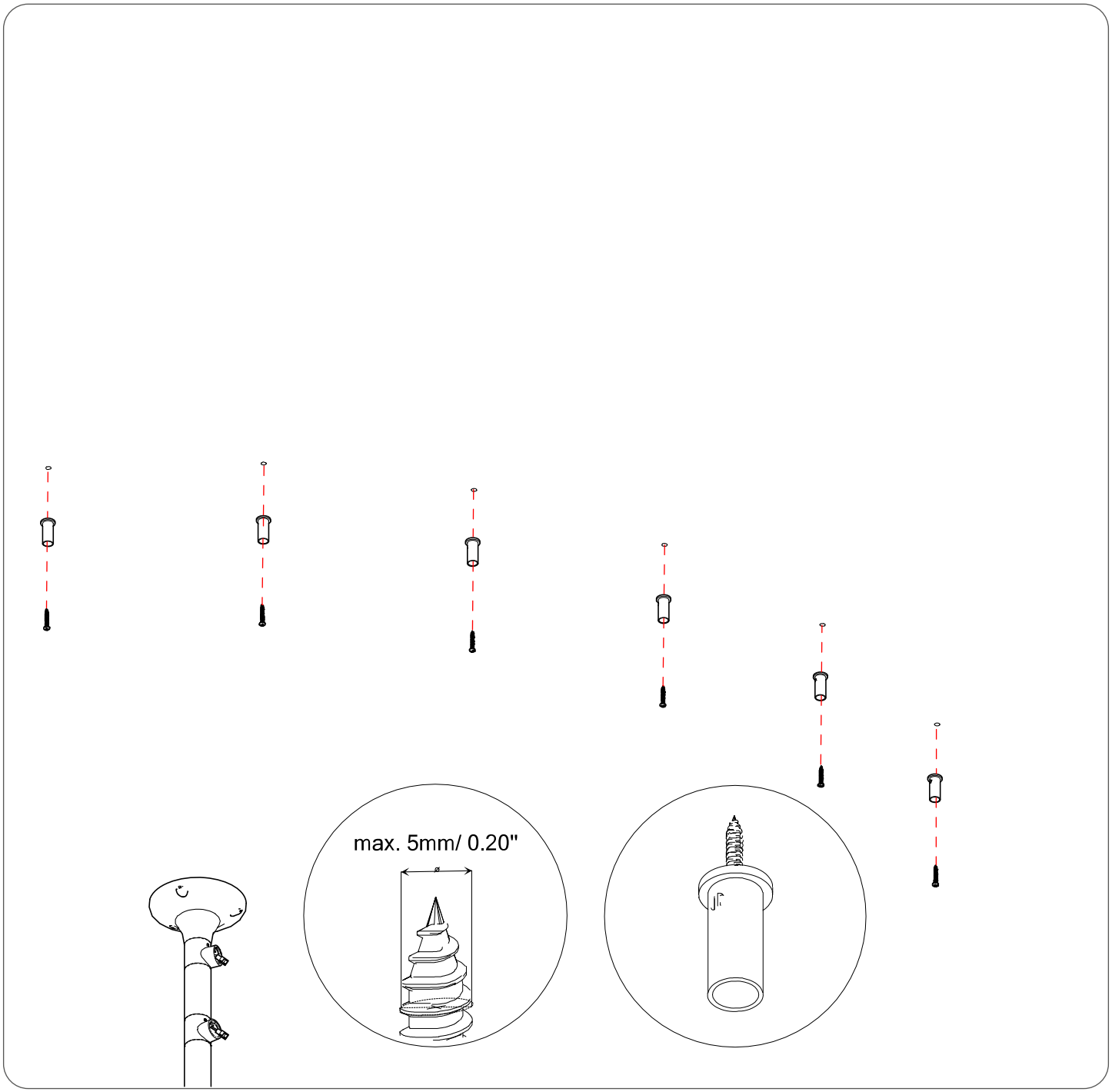
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation of ceiling suspensions

- Fasten ceiling brackets.

Step 3 - Fasten ceiling brackets

- Insert wall plugs or other mounting elements appropriate for the substrate.
- Screw each ceiling bracket in using a screw with a max. diameter of 5 mm.
- Tighten brackets evenly without damaging their surface.
- Align all brackets vertically and to an equal depth.
- Manually check the stability of each mounting before introducing cables.



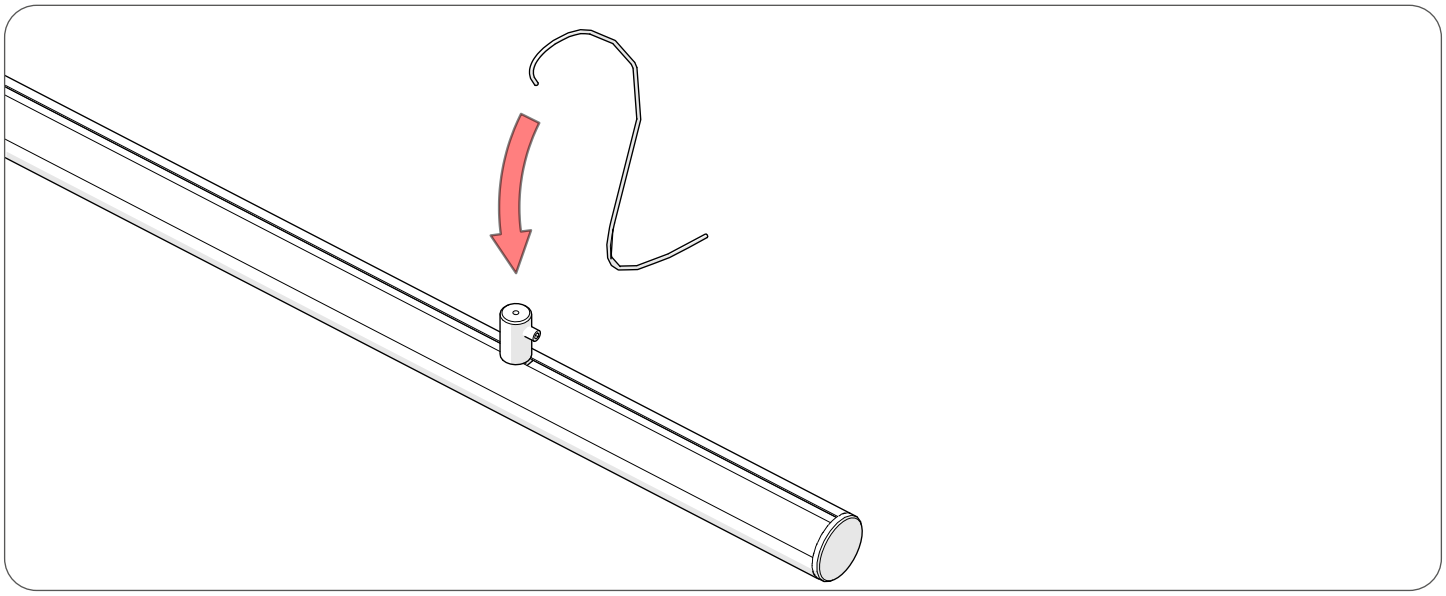
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Preparation of modules and cables

- Prepare each module separately without cutting off excess cable before final adjustment.

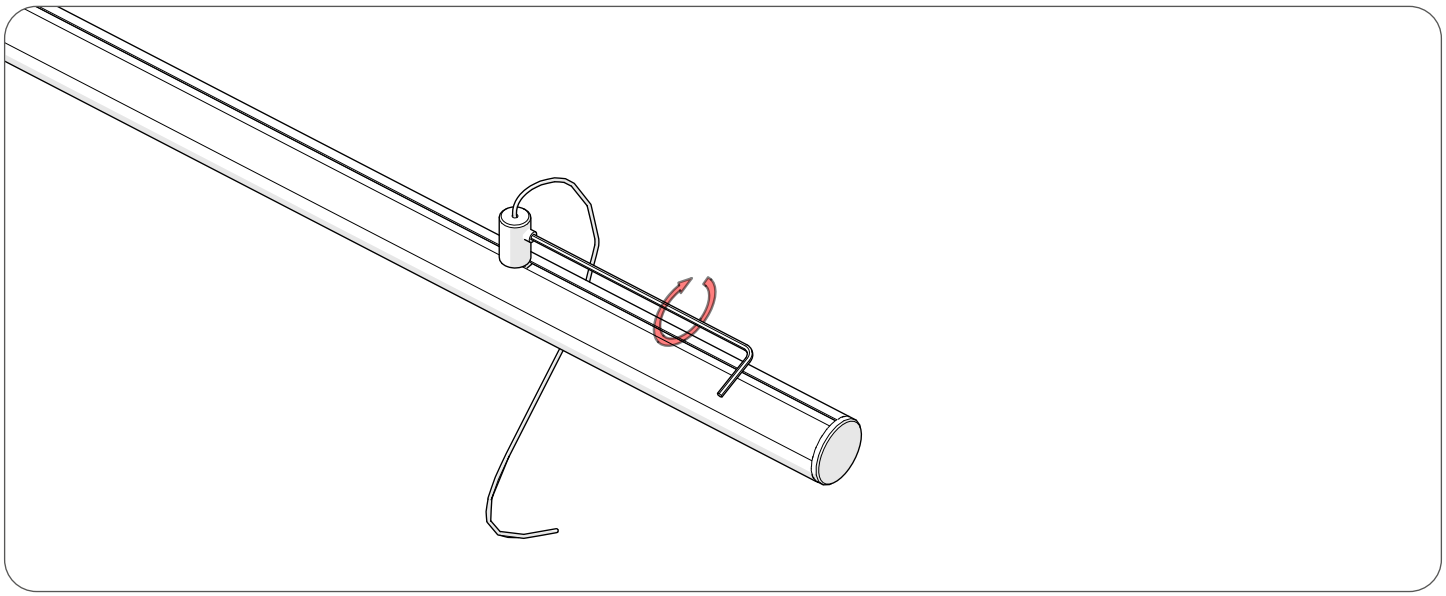
Step 1 - Insert the cable into the profile mechanism

- Place the module on a clean surface and protect it against scratching.
- Slide the end of the steel cable vertically into the mechanism located on the profile.
- Insert the cable without bends, twists, or damaging its surface.
- Pull lightly on the cable to verify the lock function.



Step 2 - Route and secure the cable

- Route the free end of the cable through the guiding element as shown in the drawing.
- Lay the cable without twists, leave slack for adjustment, and repeat the process for all modules.



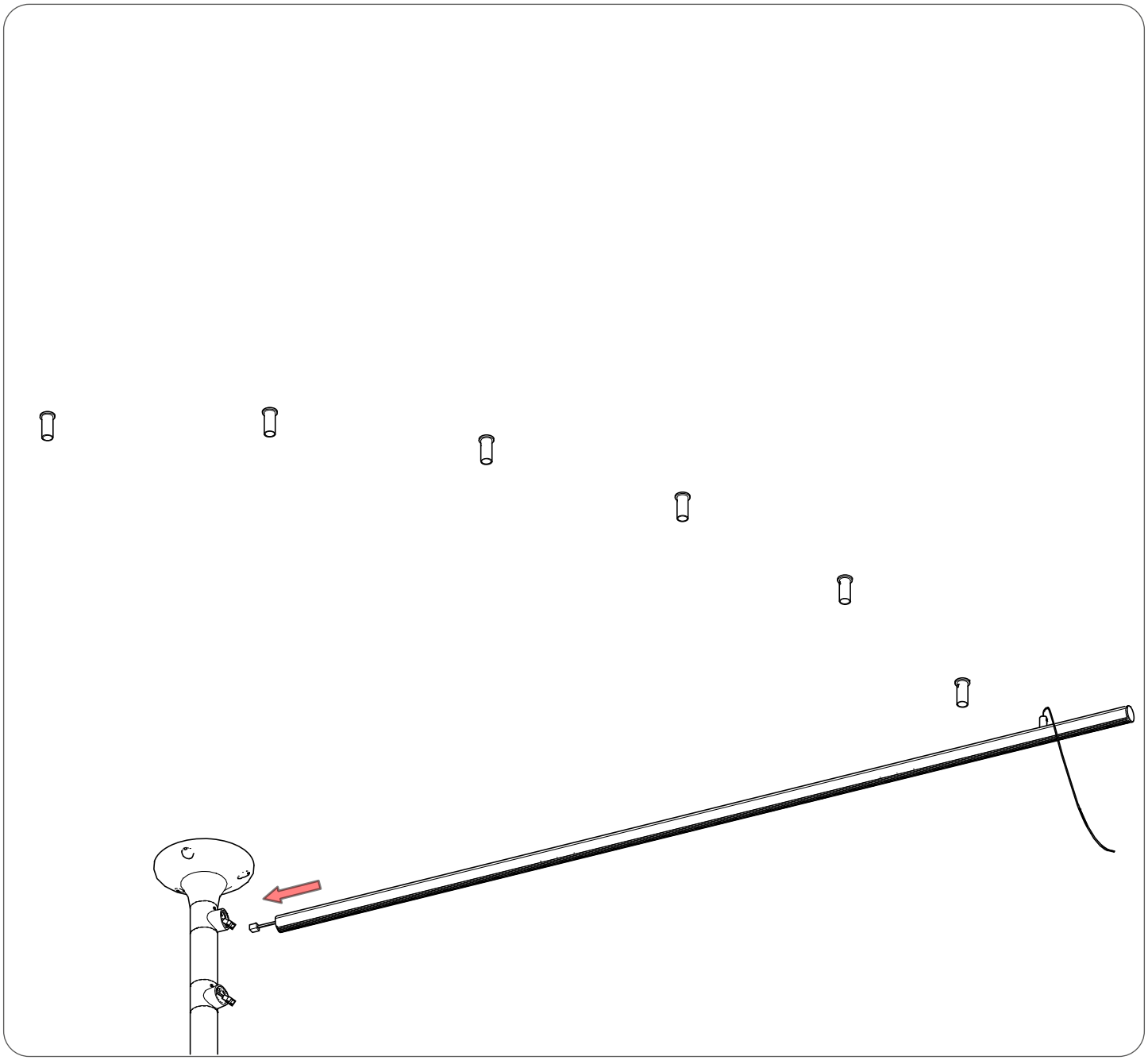
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation of linear fixtures

- Perform installation sequentially, starting from the lowest column socket.

Step 1 - Position the fixture at the correct column socket

- Match the fixture to the appropriate socket in the column.
- Lift the profile and align its end coaxially with the column socket.
- Support the other end of the profile manually or using a prepared cable.
- Do not allow the weight of the profile to strain the cable or unlatched connector.
- Before connecting, check the profile orientation and the position of the suspension point.



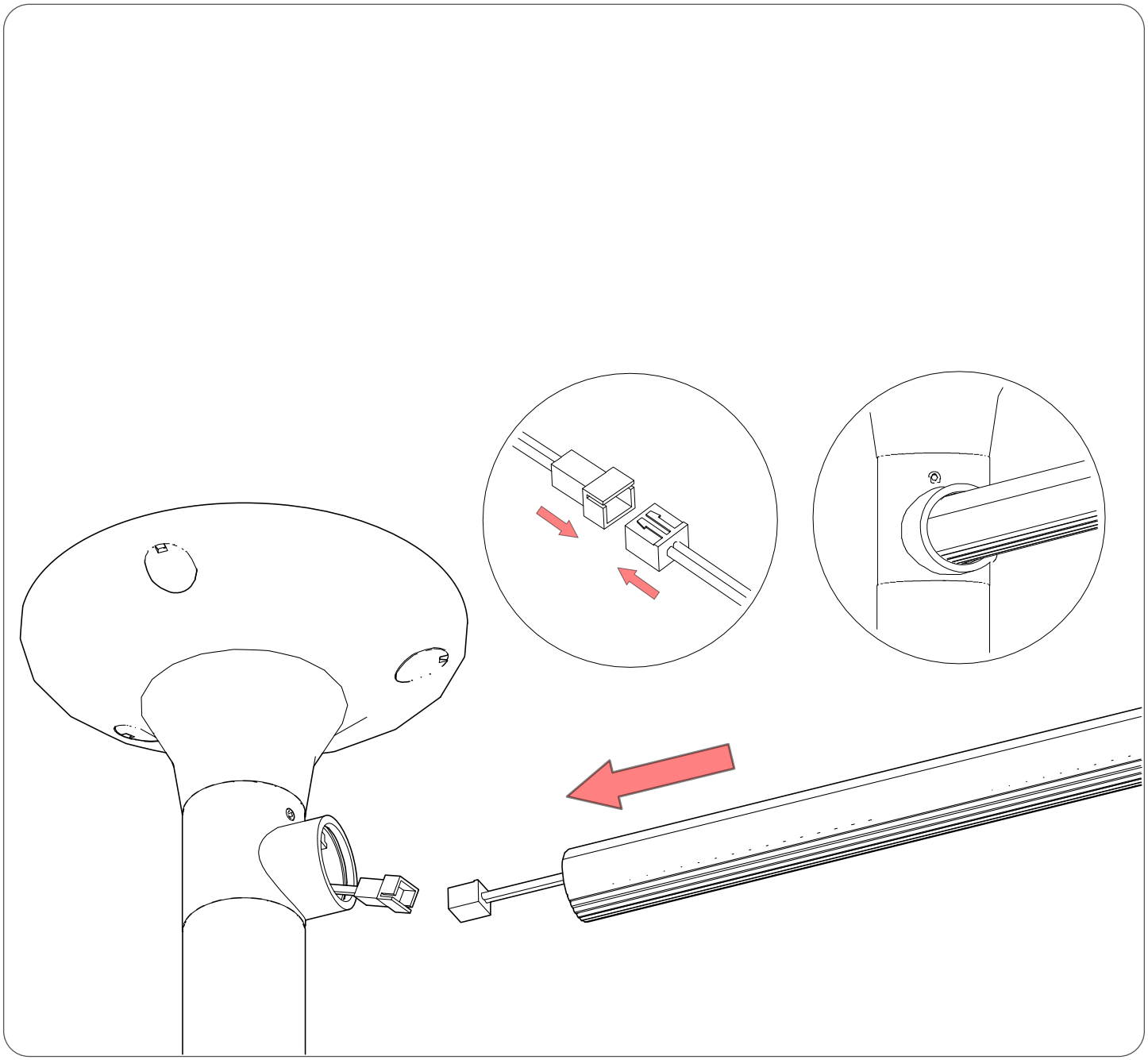
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation of linear modules

- Connect each module electrically and mechanically to the corresponding column socket.

Step 2 - Connect and secure the module

- Align the module plug with the socket of the wire extending from the column.
- Connect the connectors according to their shape and markings without using excessive force.
- Arrange connected wires so they are not pinched while inserting the profile.
- Slide the end of the profile into the column socket in the direction indicated by the arrow.
- Repeat the process for subsequent modules, maintaining the previously established sequence.



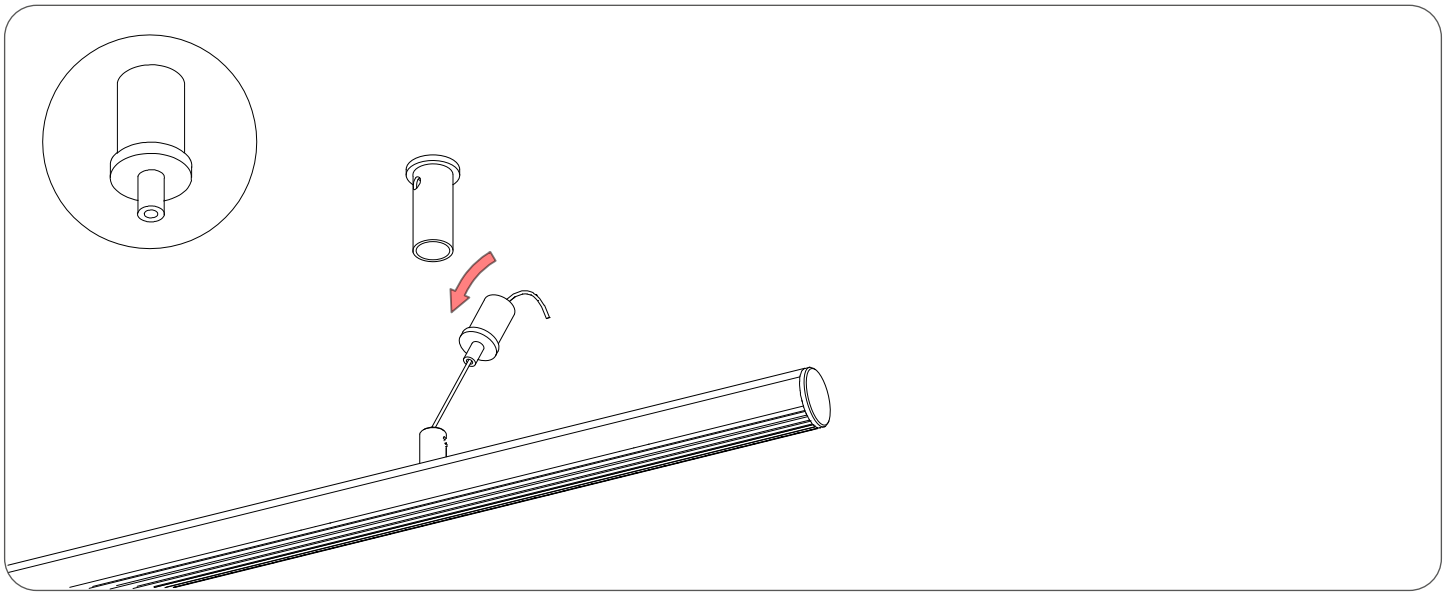
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Installation of linear modules

- After connecting the module to the column, close and secure its suspension point.

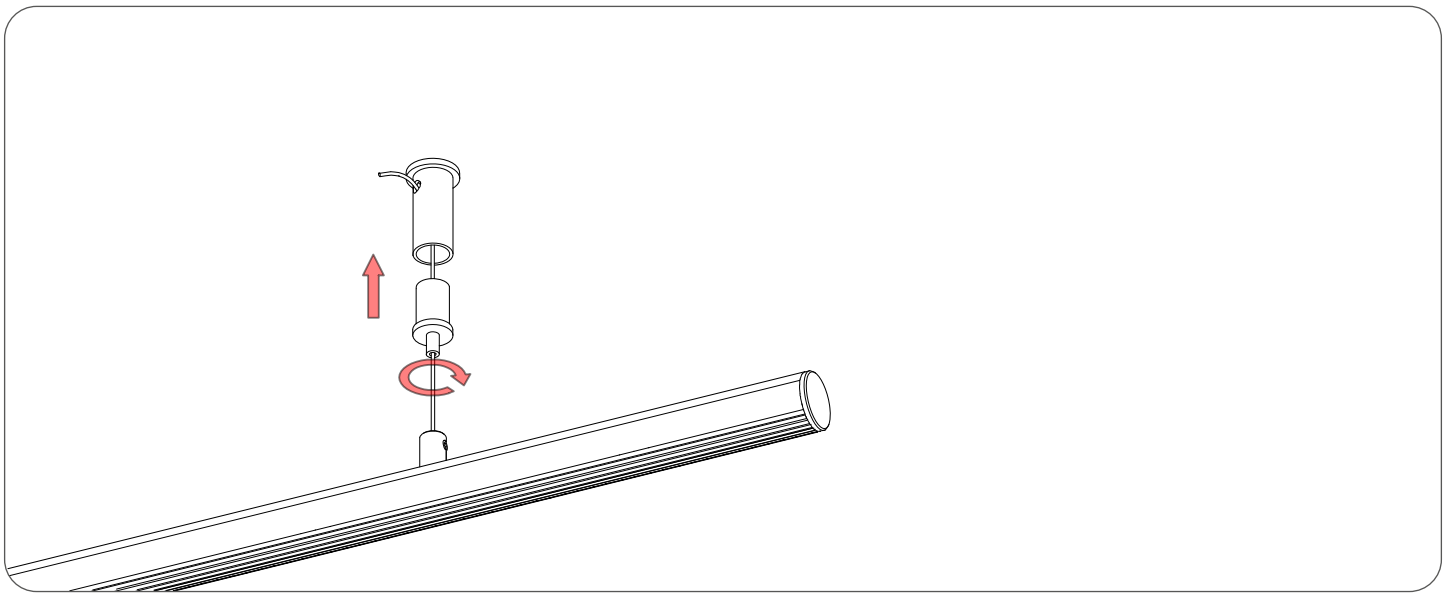
Step 3 - Connect suspension elements

- Support the profile until the suspension is fully locked.
- Position the element located on the cable directly above the pin mounted in the profile.
- Lower the element onto the pin and align both parts coaxially.



Step 4 - Lock the suspension sleeve

- Slide the sleeve over the connected elements and tighten it manually in the direction of the arrow.
- Check the connection under a light load and repeat for all suspension points.



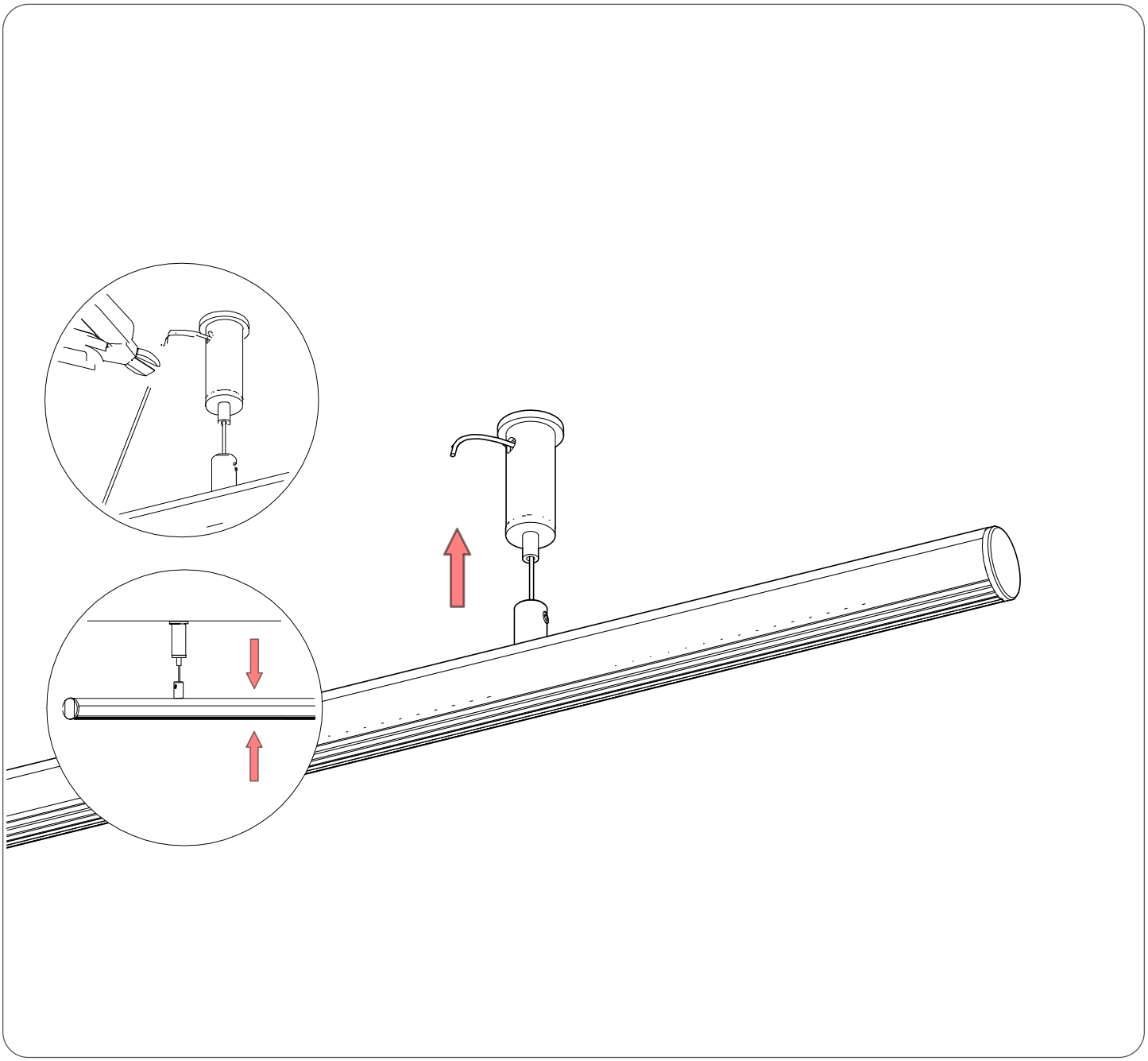
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Adjustment and inspection of the fixture

- After installing all modules, set the target heights, levels, and geometry of the entire layout.

Step 1 - Adjust height of modules

- Support the profile during any change in cable length.
- To raise the profile, push the cable deeper into the locking mechanism.
- To lower the profile, release the lock as shown in the detail view and extend the cable in a controlled manner.
- Adjust subsequent points in small increments, maintaining even support of the module.
- Set the target level, angles, and spacing between profiles according to the design.
- After each adjustment, apply a light load to the profile and ensure the mechanism locks the cable again.



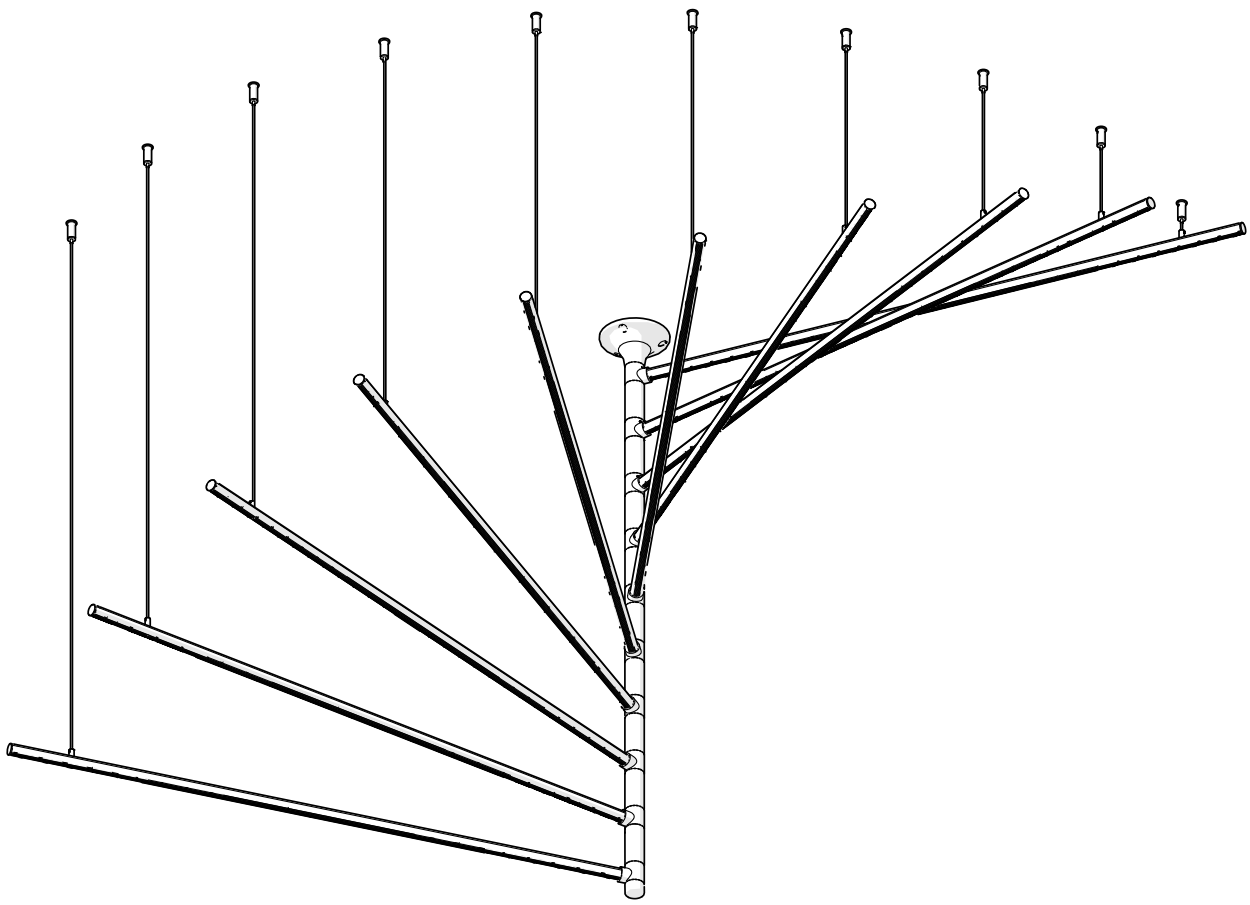
KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Adjustment and inspection of the fixture

- Turn on the power supply only after completing inspection of all connections and mountings.

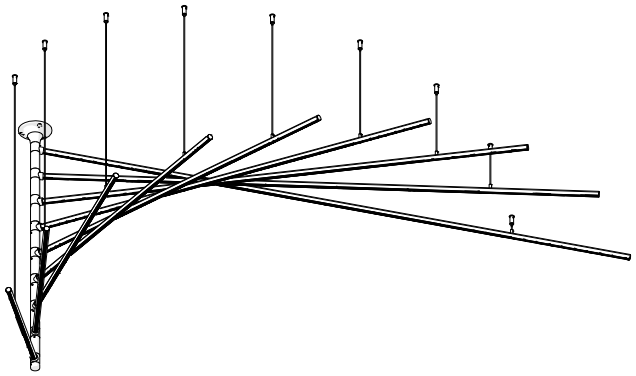
Step 2 - Perform final inspection and start up the fixture

- Check the stability of the ceiling body and all cable brackets.
- Verify the tightness of suspension sleeves and securing of profile-to-column connections.
- Check heights, levels, angles, and spacing between modules.
- Make sure cables and wires are not twisted, strained, or pinched.
- Check that correct polarity is maintained in all connectors and that no wires are exposed.
- After completing inspection, turn on 24V DC power supply and check the operation of each module.



KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)

Maintenance, disposal, EU compliance



CLEANING:

- Clean with a dry or slightly damp cloth.
- Do not use abrasive agents or aggressive chemicals.

DISPOSAL

- Do not dispose of with municipal waste.
- Hand over to an electrical and electronic equipment collection point.

COMPLIANCE

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

*** DISASSEMBLY OF THE FIXTURE**

Perform disassembly in the reverse order of assembly.
Carry out all activities with the power supply disconnected.

ATTENTION !

Before starting disassembly, strictly disconnect the 220-240V AC 50/60Hz power supply.
When removing the fixture, secure it against falling.

- Disconnect the power supply and confirm the absence of 24V DC voltage.
- Secure each module against falling and disassemble elements in reverse order of assembly.
- First support the profile, then unlock the suspension and disconnect the module from the column.
- Disconnect connectors by holding their housings. Do not pull on the cables.
- After removing modules, disassemble cables, brackets, and ceiling body if required.

After completing disassembly, secure the installation cables in accordance with applicable regulations.

KLUŚ Sp. z o.o.
Corporate Headquarter
Słoneczna 126 St.
05-506 Kolonia Lesznowola (near Warsaw)